PU
CHRONICLES

SEMESTER II
2019-20

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PREFACE

Placements, for some, it's the one single thing that matters, for others it's just another piece of the college puzzle that shapes our future.
Without a doubt, it is a life-changing event or process in a student's college life.
Undoubtedly, one of the key factors that contribute to it is guidance from seniors.
We have decided to streamline the process a little, so you can focus more on the actual preparation than trying to get a hold of them.
We hope that you find the PU Chronicles helpful in the same.

Some general tips for placements:
- Think and plan well in advance about the career path you want to pursue.
- Have a clear understanding of what is being expected in the interviews by the sector and then also get an idea about the company-specific details using this book.
- Ensure you understand the rules and choose the companies you appear for wisely.
- Keep your motivation levels and energy high through all the ups and downs. Your enthusiasm plays a key role in the interviews
- Get in touch with alumni and seniors for advice and mentorship, these are people who have been in the same situation before and can give you great advice and support.
- Stay in touch and cooperate with the PU Team, they are there to help you throughout the placement season

A *word of caution.* Placements is an extremely volatile area and changes based on a number of factors such as market conditions, recruiter relationships and business constraints. Please read through the document with the awareness that the trend for a certain year may not be the trend for the next year. For instance, a stream that did not do well in a particular year may well be the best placed in the following year. The rounds and processes conducted by a company in the previous semester may very well differ this semester.

Hence, be the best you, rest will follow!
And rest assured that the Placement Unit is always there for you!

All the Best,
The PU Team

DISCLAIMER

All the feedback is provided by the students who have secured jobs in various organizations. We have tried our best to ensure that every detail in the PU Chronicles (the "Service") is correct.
The Placement Unit assumes no responsibility for errors or omissions in the contents of the Service.
The Placement Unit reserves the right to make additions, deletions, or modifications to the contents on the Service at any time without prior notice.

COMPANIES INCLUDED

159 Solutions	MathWorks
Advanced Micro Devices (AMD)	McKinsey & Co.
Amazon	Media.net
Anarock Tech	Merilytics
Arup	Netcracker Technology Solutions (India)
Bounce	Pvt. Ltd.
BrowserStack	Ola Electric
CommScope	OnePlus
Deutsche Bank	Oracle
Directi (Media.net)	Oracle OFSS
EXL Services	Postman
EagleView	Praj Industries
EdgeVerve	Quantiphi
Ernst & Young	RBL Bank
FICO	Rapido
Flipkart	TATA Advance systems
Fractal Analytics	Tally Solutions Private Limited
Futures First Info Services Pvt. Ltd.	Target
HSBC	Thorogood Associates
IBM	Udaan
IQVIA	UnitedLex
Indus Insights	Visteon Corporation
Infoworks	Webware
Jio	Wells Fargo
KPMG	Xilinx
	ZS Associates

159 Solutions

Pune

Analytics Analyst

Compensation Offered (CTC) : 7 LPA

MSc. Economics

CGPA: 6.77

Recruitment Procedure

Round 1: Aptitude Test
The aptitude test was relatively simple as compared to some companies. The syllabus taught during the Aptitude classes conducted and some basic reasoning sense would suffice.

Round 2: PPT
In this round, recruiters from IQVIA(the company that acquired 159 Solutions) talked about their company, the role, compensation, etc. The shortlist from the first round was announced.

Round 3: Interview Round 1
This round included a case study, a small guesstimate(number of cars in Kota), some puzzles(one of them regarding cutting the cube into smaller cubes), and some HR-related questions.

Round 4: Interview Round 2
This was the last round of the placement process. The questions revolved around data cleaning(What are the factors that can help you determine whether the data is good), puzzles, and HR questions (what are you strengths and weaknesses, give an example of a situation when you solved a problem using one of your strengths).

There was no separate HR Round as many of the standard HR questions were covered in the above-mentioned rounds.

Important Topics and Subtopics to Remember
Practice well for the aptitude tests, case studies, puzzles related to math and some basic knowledge of data cleaning.

Sources of Preparation
The study material provided by the institute during aptitude classes and the book Case Interviews Cracked. The concepts required to answer the questions about data were discussed in 'Marketing Research' but can be easily found on the internet.

Additional comments

Although it wasn't a necessary criterion for the placement in 159 Solutions, if you know SQL, VBA, and Python, do mention that in the resume or if asked about the skills during the interview.

159 Solutions

Pune

Analytics Analyst

Compensation Offered (CTC) : 7 LPA

B.E. Electrical & Electronics

CGPA: 7.56

Recruitment Procedure

Aptitude Test
Round 1: Interview
Duration: 50- 60 minutes
Questions:
Tell me something about yourself
Some basic questions about my resume
One case study was asked for which the interviewer gave me 2- 3 minutes to think upon.
After the Case study he gave me an guesstimate to work on.
He also asked some maths puzzles.
Finally he asked normal HR question like Strengths, Weaknesses, tell me something about the company.

Round 2: HR Interview
Duration:10-15 minutes
Questions:
Tell me something about yourself
My project at PS2
Strengths and weaknesses
The purpose of the interview was to check the confidence level, whether the candidate is a team player and is good to fit in company's culture.

Round 3:
Duration 30-45 minutes
A mild pressure interview.
The interviewer asked question based on my project at my PS2.
He gave 2-3 situation and give analysis.
He then asked me how I am working on to improve my weaknesses.
This interview was to check my judgement and decision making skills and how I handle pressure situations.

Important Topics and Subtopics to Remember

A very good practice of case studies and guesstimates. Try to solve different puzzles online.
Revise Permutation and Combination and Probability.

Sources of Preparation

Case interview cracked.
Compendium of guesstimates
Indiabix website for aptitude test.

Additional comments

Prepare your resume thoroughly and you should know everything about your resume in detail.
Do not take Hr Interview lightly. If you do not know the answer of any question, firmly accept that you do not know the answer.
Prepare multiple resumes for different profiles (like core, consultancy, finance etc.) and relevant to the company you apply in.

Advanced Micro Devices (AMD)

Bangalore

Electronics

Compensation Offered (CTC) : 12 LPA

Silicon Design Engineer 1

B.E. Electrical & Electronics

CGPA: 9.04

Recruitment Procedure

There were total of 3 rounds majorly written test & resume shortlisting, technical interviews and HR interview. Here, I will explain all the rounds in detail and my experience with the placement process.

Round 1 : Written Test & Resume Shortlisting
Written test was pen-paper test. It had 4 sections 25 marks each covering all the basic domains for the profile.

Section A : Digital Circuits
Questions were little tricky but required sound knowledge of basic DD. Topics include logic gates, combination (adders, mux, decoders, etc), sequential (latches and flip flops, counters, fsm *). Knowing the concept is not enough, you are expected to solve it with proper reasoning.

Section B : Verilog
Preliminary Verilog knowledge is sufficient to score in this section. You should know basic syntax and functionality of the language. Delays (inter/intra), $monitor, $strobe, $display, statement ? True : False, etc were asked. There was one digital problem on FSM. Also, a few MCQs with reasoning were asked.

Section C : Logical Reasoning
Descriptive explanation to every question was expected from this section. The problems were simple which you would have carried while preparing for any competitive exam. Questions : probability question (3 ants on 3 corner of triangle) , series question, find the different weighing coin out of 9 coins using weighing scale, finding top three horses out of 25 horses, egg and building question, etc.

Section D : Computer Programming
Questions were fairly simple and if you are good at coding, you can score well in this section easily. Questions : find number of 1s, check whether no. Is a power of 2, plaindrome check, array and pointers, etc, a few MCQs with reasoning (easily available online).

After the test, only a few students were shortlisted based on the score and resume from the first round and called for the interview.

Round 2 : Technical Interviews
There were two panels and based on the first panel's review, candidates were sent to the second panel.

Interview 1 :

Being early graduates, some of us had an edge over others. Interviewer gave me feedback and asked the reasons for not so good performance in some sections relatively. He asked me to explain my MuP project (Smart Garage System) and gave me a new Design Problem with reference to my project. Although it was an open ended design problem yet there were some key points.

Key Points to crack any design problem - look all the possibilities, be innovative, be practical and be prepared for any cross questions. Always remember to answer confidently and correctly. They don't look for exact answers but the approach you take to solve the problems. There were a few questions on higher studies and why AMD.

Note : Go through each section of your resume thoroughly.

Interview 2 :

It started with my PS-II project at Texas Instruments. There were a few questions related to it. Then, I was asked to write a code to calculate the frequency of number coming from a serial data port. Numbers were fixed from 0-99 and the order & the frequency was random. Answer : Use array of size 100 and increment the index by 1 if the number is equal to the index.

Knowing computer architecture is good to have and can help you with the interview. You can expect some questions from there.

Question : Logical Reasoning - A camel is at point A and can carry 1000 bananas at max. You have 3000 bananas and for every km it travels, it eats 1 banana. How many bananas can be transferred to point B which is 1000 km apart from point A ?

Answer :533. Break the problem and solve it for every 1 km. You will find a pattern and break points at 200 km and (200+333) km. It's simple !! :)

Round 3 : HR Telephonic Interview
Questions were very generic and based on personal interest.

PS : Approach is equally important as knowledge.

Important Topics and Subtopics to Remember
Digital Design + Verilog
MuP (basic)
Computer Programming
Computer Architecture (good to have)
Logical Reasoning

Sources of Preparation
Course Books
Online Videos(Nptel)
Online PDFs(Verilog and C++)

Additional comments
Understanding the concept is not enough, intuitive approaches always give an edge.

Amazon

Pan India

Compensation Offered (CTC) : 28.5 LPA

B.E. Computer Science

CGPA: 7.53

Recruitment Procedure

Part 1:
Online Round - Multiple choice questions plus 2 coding questions.

Part 2:
Interviews

There were 4 independent rounds conducted with 4 different individuals from Amazon. Each interviewer worked for a different team within Amazon.

Round 1 - Lasted approximately 1 hr. I was required to introduce myself and give a short description of the work experience I had and different projects I've worked on and my areas of interest. I was then presented a question for which I needed to present an time and space optimal solution. Once I came up with a satisfactory solution the interviewer added a slight modification to increase the difficulty of the problem given.

Round 2 - Lasted approximately 1 hr. I was asked a couple of design based questions. The interviewer intended to test my understanding of databases and expected the incorporation of Object Oriented concepts in my solutions. I was also asked a few personality and workplace situation based questions. I believe these questions were asked to gauge my workplace compatibility and the ability to work in a team.

Round 3 - Lasted Approximately 1 hr. I was given the working of a real world example. I was required to come up with a time and space optimal solution to emulate the working of the given example. I believe this round was to test my ability to identify the optimal data structure to use, in order to solve a real world problem while minimising the time and space required to implement the solution. Apart from this I was asked a couple of other data structure based questions.

Round 4 - Lasted Approximately 1 hr. This round was very similar to the previous round. I was given a few problems and required to come up with an ideal approach to solve them. I was also asked to explain the working of each of the data structures I used along with pseudo code to describe functionality and implement the from scratch.

Important points to note:
- I was required to write code for each of the answers I came up with and explain the algorithm in detail. I was also required to demonstrate the working of the algorithm with various different examples given by

the interviewer.
 - Each interviewer introduced themselves and gave a brief description of the kind of work they do at Amazon. At the end of each interview I was asked if I had any questions. It's important that a candidate uses this opportunity to ask the interviewer questions about the organization and demonstrate interest. They use this extra informal interaction to gauge your interpersonal skills and demonstrate curiosity regarding any aspects of the technical work that takes place within the organization.

Important Topics and Subtopics to Remember
DSA, DBMS, OOP

Sources of Preparation
Geeksforgeeks, Interviewbit

Additional comments

Amazon

IT
SDE I

PAN India

Compensation Offered (CTC) : 28.5 LPA

B.E. Computer Science

CGPA: 8.58

Recruitment Procedure
The Amazon recruitment process consisted of two rounds -

Round 1: MCQ/Coding Test
It had 2 coding questions and rest were MCQ questions like "What would be the output of this program?", "Which type of error would this snippet of code lead to?", etc.

Round 2: Technical Interview
It consisted of 5 rounds of interviews, all technical. What questions are asked depends on who the interviewer is. They generally ask about things written on your resume, ask you to elaborate on your project, solve a few DSA questions and in some cases ask basic questions about other programming concepts such as OP, DBMS, Networks etc.

While solving DSA questions:
- Start first with the brute force solution and they keep improving the time and space complexity step-by-step.
- Keep explaining your approach to the interviewer at every step. (Make sure to mention the time and space complexity of your solution.)
- Don't be hesitant to ask the interviewer for help if you ever get stuck at some point. (Avoid long periods of silence. The interviewer might get distracted and lose interest.)

The questions asked to me involved - Trees, Linked Lists, DP, Graphs, BFS, DFS.

Important Topics and Subtopics to Remember
Mostly DSA, read Last Minute Notes for all subjects on Geeks for Geeks

Sources of Preparation
GFG questions, Interviewbit Questions

Additional comments

Amazon

Logistics
Operations Manager

Compensation Offered (CTC) : 17.5 LPA

B.E. Mechanical

CGPA: 7.09

Recruitment Procedure

Round 1 : Aptitude Test
Based on the usual concepts found in aptitude tests across the placements season. Doesn't require anything specific.

Round 2 : Interview #1
Started off with general interview questions such as Why Amazon?, Why is your CGPA low? Why are you switching to non-core? What can I contribute to the organisation? Strengths and weaknesses.
It's important to portray confidence in your answers. Have a vague structure/story to your answers.
A few questions pertaining to Amazon's Leadership principles can be asked as well. (Have mentioned it the next round description elaborately)

Round 3 : Technical Interview
Questions such as Why are you fit for the role? What qualities do you have pertaining to this role?
Knowledge of a few Supply Chain related concepts would defintiely boost your chances here. Regarding Inventory, Forecasting of Demand etc. would prove very beneficial.
However this round primarily focuses on Amazon's Leadership Principles which are of utmost importance. Learn all the 14 principles (Will actually be asked) and put forth examples in your life where you have exhibited these principles. Ensure you have air-tight examples as they could be scrutinized by them.

Round 4 : HR Interview
A few more of the same questions from the previous round and then proceeds to ask a few basic questions pertaining to HR such as 'What you would do if the team doesn't operate up to standards? etc.
Take the logical answers that come to your head and try to adopt the Leadership principles into these answers to show how aligned you are with the principles.

Important Topics and Subtopics to Remember

Amazon's Leadership Principles
Supply Chain Management - Forecasting, Inventory etc

Sources of Preparation

Supply Chain management course (Relevant material is also easily available online). But whatever you prepare, make sure you know the relevant factors affecting that specific topic and how it does affect the same.

Additional comments

Anarock Tech

Mumbai

IT

Compensation Offered (CTC) : 24 LPA

SDE

B.E. Computer Science

CGPA: 6.38

Recruitment Procedure

I had to go through 3 rounds. Number of rounds were different for different people.

Round 1: Coding Test -> Conducted on interviewbit.com. We were given 5 questions to solve in 2 hours. I was able to solve 3.5 questions. Students who solved 2 or more than 2 questions were shortlisted for interviews.

Round 2: First Interview -> Simple DSA questions on array. The first one was related to sliding window technique and the second one was zig-zag arrangement of an array. Then I was given a simple puzzle to solve.

Round 3: Second Interview -> Medium level DSA questions, questions on resume and OS were asked. One of the DSA questions was the celebrity problem. Rest of them were easy.

Important Topics and Subtopics to Remember

DSA, DAA, OS, OOP

Sources of Preparation

GeeksForGeeks, InterviewBit

Additional comments

I'm pretty sure I was selected majorly due to my open source contributions and my experience in web development and tools such as git, docker etc.

Anarock Tech

Analytics
Product Analyst

Mumbai

Compensation Offered (CTC) : 14 LPA

B.E. Mechanical

CGPA: 8.06

Recruitment Procedure

Preliminary Round: This round consisted of aptitude questions, mainly mathematical, a basic coding question and a standard SQL query. 20 students were shortlisted from this round.

Round 1, Group Discussion: Students were called in batches of 5, and were told to come up with a modification in one of the existing popular apps, say Swiggy, Uber, WhatsApp etc. Meanwhile, we were asked about our resume. 2 of the 5 were shortlisted.

Round 2, Interview: This remotely conducted interview had questions based on mathematics and algorithmic problem solving; similar to solving coding questions without writing out the code. The interview lasted about 45 min. Proficiency in SQL and Pandas was also tested.

Round 3, Interview cum HR: This round was also remotely conducted, with information about the role. I was asked what I thought of the role and of the responsibilities that come along with it. I was also offered to ask questions, if I had any.

Important Topics and Subtopics to Remember

SQL, Pandas, Basic Coding

Sources of Preparation

Work at PS2 was sufficient to obtain proficiency in above mentioned skills

Additional comments

Anarock Tech

Mumbai

IT

Compensation Offered (CTC) : 24 LPA

SDE

B.E. Electrical & Electronics

CGPA: 5.5

Recruitment Procedure

Round 1. Coding round in cc. It had 5 questions to solve in 2 hours.
Round 2. Coding interview(easy questions)
Round 3. Coding interview(good questions)

Important Topics and Subtopics to Remember

DSA

Sources of Preparation

Geeksforgeeks.org, interviewbit, leetcode

Additional comments

Have some knowledge of Operating system and DBMS if you are from non-cs department(not important for anarock but other companies do ask)

Arup

Hyderabad

Mechanical
ADE

Compensation Offered (CTC) : 7 LPA

M.E. Design

CGPA: 7.97

Recruitment Procedure

Round-1- Written Test
 The questions were a mixed bag. One question was of a beam.It was very basic.
 There were 2 hard puzzles for which one has to give the algorithms.
 One question was on sorting algorithm to be written with C(language optional, only algorithm would also work).
 One question was on JavaScript implementation(easiest one).

 Round-2-Interview
 The interview was of 90minutes approximately. It was held by video conferencing.
 Detailed questions were asked about my papers and project. Next few questions were on developing an algorithm to select shell elements in different type of meshed surfaces etc.
 Another question was on sorting and reducing time complexity of that algorithm.

 Enough time was given for each answer and sufficient hints were also provided.
 Overall it was a great experience. The questions were quite tricky and knowing a programming language is not mandatory but obviously helpful.

 There was no separate HR interview but HR was present in the panel and watching me. At the end there was just one question about relocation.

Important Topics and Subtopics to Remember

Solid Mechanics, Finite Element Method, C(Structures,Arrays and Pointers mainly), Sorting Algorithms, Vector algebra.

Sources of Preparation

Solid Mechanics, Finite Element Method-Any standard book or NPTEL lectures.
 C & Algorithms-Any programming websites like Geeksforgeeks etc. (If you know the basic this part can be skipped)

Additional comments

The interviewer mainly checks your logical bent of mind and also whether you are able to solve problems by taking hints. Be honest and tell the interviewer if you are stuck or have follow up questions.

Don't take the written test lightly, it's quite hard and competitive. Very less selections.

Overall a very good company to work,excellent work culture and BTW that 7Lpa is only the basic salary(monthly in hand salary)!! and they disclose that only as they don't believe in CTC.

Bounce

Analytics
Business Associate

Bangalore

Compensation Offered (CTC) : 26.5 LPA

B.E. Chemical

CGPA: 9.05

Recruitment Procedure

Round 1: Aptitude test
Round 2: Resume Shortlisting
Round 3: Technical Interview 1
Questions on projects and internship mentioned in CV. Interviewer asked a conditional probability problem with many subparts. It was solely based on a business scenerio.
Round 4: Technical Interview 2
Interviewer asked couple of guestimates. He had no interest in final answer, the overall procedure of problem solving and in between conversations and questions was judged.
Round 5: Technical Interview 3
Questions like "why Bounce?, Why non-core?" were asked. No involvement of pen and paper in entire round. Some questions on work related issues were asked.
Round 6: HR interview

Important Topics and Subtopics to Remember

Case interviews, guestimates, general knowledge of company and sector related issues and fixes

Sources of Preparation

"Victor Chang's" lecture series for case interviews

Additional comments

Bounce

Analytics
Business Analyst

Bangalore

Compensation Offered (CTC) : 26.5 LPA

B.E. Electrical & Electronics

CGPA: 6.6

Recruitment Procedure

TL;DR: The majority of the process focussed on the candidates' understanding of numbers, basics of prob-stats, analytics skills, etc. rather than their understanding of the business. Someone who is comfortable with metrics and how change in inputs impact these metrics, will find it easier than others. Even if you have no idea what a metric means, they will tell you. What matters is that you should be able to understand it thoroughly and then be able to answer the questions around it.

Round 1: Aptitude Test: The test had 30 questions in total with negative marking. The questions were based on either of the following 3 topics: Quant, Logical reasoning or Data Interpretation. The initial questions were stand-alone while the last ~10 questions were clubbed together in sets of 3-4, and hence had to be answered with reference to a comprehension.
The most important thing to note here was that even though the questions seemed very straight forward, only one person scored more than 60 marks out of 90. The reason being that a lot of these had some trick in the problem statement. Something that changes the final answer a bit. E.g. In a Time & work problem, you might correctly calculate the total time needed to complete the work but what was asked was the time taken after someone, let's say 'A', left the work.

Round 2: Resume Shortlisting: The shortlisting was done on the basis of Round 1 and Round 2 combined. In resume, they majorly looked for work-ex and CGPA. The shortlist was prepared by combining the test score and 'Quality of Resume'. The students were called for the interviews in the order of this total score.

Round 3: Technical Interview (20-30 mins): To judge the candidate on the basis of their basic analytics and math skills. They asked me about my PORs too and we had a bit of discussion around that as he seemed interested. But I don't think it mattered much to the results of the round. It was basically the problem statement that was at the center of it: A typical question in which he introduced the concept of Contribution and Profit margins to me and then kept playing around with the numbers, asking me to calculate the impact of a set of metrics.

Round 4: Technical Interview (60-70 mins): This interview consisted of them giving me 2 more analytics problem statements. Both of these started with basics questions of probability and the interviewer kept on introducing new variables in the question, asking to solve for new things each time. The difficulty level of this round was average and all it demanded was that the candidate should not lose concentration as it involved more concepts than big calculations. It was a 2-way dialogue the whole time and the 2 problem statements took around 45 mins to conclude. Then there was some discussion on my resume, but I felt that was just a casual discussion. I remember asking a question about the role and responsibilities towards the end which turned into a good discussion. Apart from making you seem interested in the role,

it helps you in understanding what they are expecting from your answers and how should you project yourself in the upcoming rounds.

 Round 5: Technical Round (30 mins): This round was with the product lead of the organization. he started with a case study on how can we monitor fuel wastage and thefts in vehicles using various inputs, which I was free to assume the company had tech-capability for. This led to further discussions on the product features and data to capture. This was the only round where I feel understanding of business in general and startups in particular, would come in handy.

 Round 6: HR Interview (15 mins): Merely a formality. I was asked if I am aware of the CTC structure and other specifics. You could also ask about the company culture and other things such as work timings, etc.

 The results were announced together for all selected candidates at the end of the day.

Important Topics and Subtopics to Remember
-Probability: especially conditional probability (Bayes Theorem)
 -Basic Statistics
 -Basics of aptitude training given before placement season
 -Practice a lot of Case studies and guesstimates. Helps in both business understanding as well as developing your analytics skills

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Sources of Preparation
A lot of Material is there online. You can refer to Case Interviews Cracked and How to be a Product Manager. For Guesstimates and Case studies, refer to product-based case studies rather than Business based. The latter comes in handy with interviews of consulting firms.

Additional comments

Bounce

Analytics
Business Analyst

Bangalore

Compensation Offered (CTC) : 26.5 LPA

B.E. Electrical & Electronics

CGPA: 7.5

Recruitment Procedure

Round 1 : Test Based on logic and numeric skills. Slightly on the difficult side as compared to normal tests
 Round 2 : resume shortlist- no clear idea on the basis of short listing
 Round 3 : interview 1- i)Number-based case study - Hotels and pricing, given lease amount and number of rooms, find ideal price per room per night and variations in it ii) Puzzle- Painted square.
 Round 4 : Interview 2 - 1)Guesstimate - Number of people using Goa airport in the month of December. give two solutions. one based on dividing airstrip time. second based on airlines and possible number of flights. ii) Guesstimate - find the amount earnt by a taxi driver in Goa in a day.
 Round 5 : Interview 3 - i) Case study - Redesign Bangalore. Changes to city design and possible planning solutions. to accommodate traffic issues and to easy pressure on public transport. ii) Sell bounce a project to a MP/Commissioner of tier 3 city. Explain advantages city earns because of implementation of such mobility solutions and how it helps public transport.
 Round 6 : HR - Company culture fit was tested. Dreams and ambitions and where do you see yourself in 5 yrs.Confirmation on package breakup.

Important Topics and Subtopics to Remember

Learn about the company products and how the service works. Guesstimates to be approached in 2 ways. Have good GK.

Sources of Preparation

Read news, and a few case studies.

Additional comments

Know about current events and general averages which are common. ex. avg occupancy of hotels, avg occupancy of long distance flights, avg occupancy of short distance flights, Taxi unions and auto unions

Bounce

Analytics
Business Analyst

Bangalore

Compensation Offered (CTC) : 26.5 LPA

B.E. Mechanical

CGPA: 8.83

Recruitment Procedure

Round 1 : Aptitude test

This consisted of the general aptitude questions that were more about speed than difficulty. This round was supposed to be used to filter applicants but because of poor performance by everyone was used only to sort the order in which interviews were conducted.(they stopped at the student at whom their requirement was fulfilled)

Practice on normal CAT type questions would help in this section.

Round 2 : Resume shortlisting

Resume along with Cgpa and aptitude scores were considered to sort the students for the interview.

Round 3 : Interview

This round consisted of 3 interviews each being had either a guestimate or a case study for about 60% of the interview duration and the behavioural fit type questions for the rest 40%. The case studies asked were mostly quantitative type. The guestimate I got in my first interview was to calculate the amount of paint required to paint all the walls of bits Goa. They looked at your approach more than the numbers(I missed a 0 and my answer varied by a factor of 10). My next interview was a quantitative case study. They gave details about the occupancy rate and price structures of rooms in a hotel and asked strategies I'd implement to try to improve the same. After a minute of bouncing off ideas the interviewer gave me a proposed strategy increasing occupancy By x percentage and decreased rates by nx and few services complementary added (cost given) And asked me to calculate x for which it would be profitable. It was basic unitary method math. The third interview had a typical victor cheng market entry problem. I was asked to calculate if a market entry would be profitable given market characteristics(just had to fill in to the victor cheng framework). Again messed up the math in this one to calculate the wrong answer, interviewer didn't seem to care. (However a friend did a mistake in calculations in a similar case study and didn't make it in so not sure if it mattered or not)

In the behavioural part of the interview they essentially tried to make sure we're up for the crazy number of hours they'd require. My interviews were majorly based on why would I prefer them over my ppo(pwc) i

wasn't asked a lot of behavioural questions.

Important Topics and Subtopics to Remember
Case study frameworks - Victor cheng

Sources of Preparation
Victor cheng videos (YouTube)
 Case interviews cracked - Case study practice
 Cracking the Pm interview - Guestimates

Additional comments
Sql was as such not a requirement, they focused only on problem solving skills but most other Analytics companies now do require you to know sql before hand so learning it should be beneficial.

 While doing the guestimates make sure you make the assumptions at the lowermost possible node.(Break it into as tiny pieces as possible)

Bounce

Analytics

Associate Business Analyst

Bangalore

Compensation Offered (CTC) : 26.5 LPA

B.E. Chemical

CGPA: 7.2

Recruitment Procedure

Round 1 (Aptitude Test): 25 Questions in 1 hr
Question pattern:
10 : Data interpretation & logical reasoning question (Paragraph type questions, single para had multiple questions to be answered)
15 : Quantitative Reasoning questions
Special emphasis was on probability questions

Round 2 (Case round & general discussion):
Questions asked:
- Tell me something about yourself
- Why Bounce?
- Questions on PS project (since it was related to analytics)
- Case question: "How would you devise a strategy to launch an AC bus service in Bombay"

Round 3 (General Discussion with Hiring Manager)
Questions Asked:
- In depth questions on resume. PS projects and work that I did as part of the coordinating team at PU.
- What is your best accomplishment till date?
- Guesstimate question: How many barber shops would be there in Delhi

Round 4 (Discussion with Director of Product)
Questions asked:
- Have you used Bounce before?
- What do you think are the problems associated with the product?
- How would you solve these problems?
- In depth analysis of each solution
- What was the time when you uplifted the morale of your team? What impact did it create?

Final Round - HR Round

Important Topics and Subtopics to Remember
Case Studies & Guesstimates
 Probability and Statistics (basics)

Aptitude Questions
Current Affairs & Industry understanding

Sources of Preparation

Case Interviews Cracked
Cracking the PM interview
Interview Videos by Exponent (stephen cognetta)
Arun Sharma & Aptitude workshop for Quant
Pariksha portal (for tests)
Your Story, Medium, techcrunch for industry understanding

Additional comments

> Practice a lot of cases, don't just read the case statements and its solutions from the books. Simulate an interview like situation and have your friend or alumni take your case interviews now and then.

> Aptitude also requires similar time and effort. Lot of students miss on out on a lot of opportunities just because they are not able to clear the aptitude cutoffs.

> Be opinionated at the same time show that you are here to learn during the interviews. Following the industry you are heading towards, the problems there and the solutions for those problems would help you have intellectual talks with the interviewer, this would set you apart from the crowd. Research about the company and their offerings, analyse it have questions about it to ask the interviewer.

> Take your PS seriously and try to create an impact there. Show a lot of intent and enthusiasm because this exactly what would get translated to the resume discussion in the interviews.

> Having the right temperament is of utmost importance. Most people make a mistake here, either they seem to be over confident or extremely nervous. Be enthusiastic & confident, the interviewer should feel that this person would bring a lot of energy onto the table if we hire him.

> Prepare a good resume which highlights the impact that you have created. Try to quantify everything you right. Follow the jargon used in the specific industry of your job. Get it reviewed from as many people as possible.

> Know your resume inside out. You should have answers for every single word that is written there. Talk to your alumni and/ or people working in that particular company and role to understand the expectations, modify your resume accordingly. Prepare your stories beforehand for each section of your resume, impromptu approach might backfire if you are feeling the nerves in the interview. Prepare the answers for the most common questions that are asked in the interviews.

> Have a good nights sleep before the interviews, presence of mind is invaluable while answering some tricky puzzles.

> Try to answer every question asked in the interviews in the S.T.A.R format:
S- Situation

T- Target
A- Action
R- Result
interviewers get really frustrated if you just ramble on while answering certain questions, they also might miss out the important points that you are trying to put. While following the above framework you would be able to structure your answers properly and communicate effectively.

> General guideline while solving cases:

- Think out loud. communicate with the interviewer whatever you are thinking.
- Don't make it a monologue, try to involve the interviewer in the case as well.
- "Break it till you make it": Keep breaking the parameters down into branches until you find the source of the problem.
- Take it in 3 phases:

Phase 1 (Understanding the Scenario) : Recite the question back to the interview to make sure you understand it correctly. Write it down properly. Ask a lot of questions to visualize the scope and background of the client/ person/ company. Imagine yourself being the client and think what all you should be knowing had you been running that business, try to extract that from the interviewer. (Eg: if the question is about a wood manufacturer, so imagine yourself being him. What all would you be knowing? your area of operation, what part of value chain do you lie in, who are your customers, where are they from, for how long the problem has been there etc.). Quantify each of the parameters and right it down

Take a min from the interviewer and prepare for phase 2

Phase 2 (Root Cause Analysis) : Mechanically follow your framework. Lay everything out on the paper clearly. Break down every parameter into further mathematical formulas and eliminate possibilities based on the data provided by the interviewer and the math that you do. Dumb down to single or few factors that might have an impact on the desired result.
Try summarizing the progress in the case every now and then to the interviewer so that he is on the same page as you

Take a min from the interviewer and prepare for phase 2

Phase 3 (Solution and Conclusion):
List out the solutions to the problems that you pointed out in the previous phase. Try to list the drawbacks of each and counter them with improvisations and finally prioritize your solutions.
Conclude. Again don't ramble on for this. First give a one line solution for the case and then mention why you think it should work.

Bounce

Analytics
Business Associate

Bangalore

Compensation Offered (CTC) : 26.5 LPA

B.E. Mechanical

CGPA: 8.3

Recruitment Procedure

PPT:
 The session involved the presenters introducing us to the company, some basic challenges they face, what they expect from us, and their future plans of expanding in multiple metro cities. A must-attend session to have a good basic understanding of the company, which helps in the interview by showing your level of interest in the firm.

 Aptitude Test:
 A shortlist was made on the basis of the test score cutoff.
 Practice a lot of questions, as a low CGPA can be compensated by a very high score in the aptitude test.
 Attend all the PU aptitude practice sessions without fail, and attempt the sheets shared by them. It was very helpful.

 Resume shortlisting:
 It was based on a combination of our CGPA and the relevance of work done in internships (mostly PS2).
 The CGPA cutoff was approximately 6.5-7 (low CGPA can be compensated by good/relevant work done in PS2.

 A first shortlist was made on the basis of the aptitude test, and a final shortlist was made by combining the test scores and your CGPA+resume.

 Round 0: Case Study (written test)
 Duration: 30 mins

 A moderately-difficulty case study.
 Involved identifying profitability of current venture, few mathematical questions like calculation of profits/losses etc., and selecting the best alternative out of two alternatives for maximizing profits.

 Round 1: Interview #1
 Duration: 15-20 mins
 Questions:
 Tell me something about yourself.
 Some basic questions on my resume.
 Questions regarding the work done in my PS2.
 A case study (level: easy) - Got stuck in the middle two to three times, the interviewer helped by giving hints where I went wrong, and eventually he was satisfied.

Round 2: Interview #2
Duration: 20-25 mins
Basic questions on my resume.
A case study (level: moderately difficult) - Experience similar to previous case study. Questions involved basic level probability and statistics.
A guesstimate of the amount of revenue generated by a food outlet (Gaja) in one day. He stopped me when I started calculating a number on paper, and just asked me the thought process.

Round 3: Interview #3
Duration: 15-20 mins
A mild pressure interview.
A case study on a business problem faced by the company (here is where attending the PPT helped a lot) - the problem of Bounce helmets getting stolen. Asked me about my knowledge of the problem, and asked me to come up with a solution.
I described the problem, and tried to come up with a solution. My first solution got a disappointed look, and he asked me to think more. For my next solution, he pointed out various flaws and asked me how do I propose to overcome those flaws. I tried for the third time but again received a similar response.
After that there was a whole minute of silence, which made me a little restless and I honestly answered that I cannot think of anything more at the moment, but can surely think of something better by discussing the problem with someone in detail.
Next question: If you were to get RS 10 lakh right now, what will you do with it? Take 2-3 minutes, think and answer.

The interview was meant to check how quickly I can think on my feet. One shouldn't worry about coming up with a fool-proof solution to a subjective case study like this, because there is no "correct answer" here. Just be confident, try to extract as much relevant information you can, and try to come up with a logical solution.

Round 4: Interview #4
HR interview
Duration: 10 minutes
She asked me how my previous interviews had been, and asked me to relax.
Questions:
Why do you want to join our company?
Where are you from?
Where do you see yourself in the next 5 years?
What are your expectations from the job?
Do you have any questions?

She then went on to give me some additional info about the company.

This interview is to check whether you will be a good fit for the company, loyalty, dedication, etc.

Important Topics and Subtopics to Remember

A very good practice of case interviews and guesstimates. A very basic practice of probability and statistics (simple questions on PnC and statistics, no need to delve any deeper into it)

Sources of Preparation
Case interviews cracked, A compendium of guesstimates.

Additional comments
As mentioned before, the resume shortlisting depended on the CGPA and the relevance of work done in your PS2 to their company. I happened to work in swiggy, in the business expansion team, which was one of the biggest advantages I had, as the work was very similar to the profile of this job.

To make your resume relevant for the company, try to showcase your leadership and management skills through extra-curricular activities and projects undertaken.
As it is a non-core company, PORs help a lot, as they show leadership and management skills, which are few of the soft skills that such companies are looking for. Make sure you include extra-curriculars in your resume.

A good practice for case interviews is very vital. Always try to solve the case first before reading the solution in guides, and try solving cases in groups. Same goes for guesstimates.

An important note for case studies: Try to extract as much information as you can from the interviewer. When asked a case study, you will only be given 10-20% of the information, and will be expected to continuously ask questions to the interviewer. Once that is done and you start solving, be very vocal, i.e. keep thinking out loud, and letting the interviewer know how you are going about the case. Whenever you might be going in the wrong direction, the interviewer will subtly try to alert you and nudge you in the right direction, by asking stuff like "do you think xyz should be calculated that way?" or "do you think abc should go with THAT alternative?".

Always keep your cool during interviews. Even if you have an impressive resume, good grades, and a good understanding of case studies, you can be at a disadvantage if you get too nervous and end up saying something unexpected. Be calm and honest with the interviewer.

For the HR interview, do not take it lightly. Even though the questions seem very basic, you will realize that answering in your head and answering out loud is quite different. Practice these questions with a group of friends. You can also additionally look up on the internet for some good answers to such questions.

BrowserStack

Mumbai

IT

Compensation Offered (CTC) : 20.96 LPA

Software Engineer

B.E. Chemical

CGPA: 7.62

Recruitment Procedure

Round 1: Coding round 1
 This round was a general test for DSA and SQL conducted in CC with PU present. The more test cases you pass, the more chances for you to get selected for the next round. The questions were not tough rather long. One doesn't have to complete all the questions but first find and attempt the questions he/she can solve (Atleast that worked for me)

 Round 2: Coding Round 2
 This round was conducted in the presence of Browserstack team. The question they asked was to implement tail -f functionality using web sockets. They did not limit use of internet and did not specify the language you have to use. This round was for 3 hours. We had to implement the server and client and submit through email. Most of the review though happened during the coding round itself.

 Round 3: Interview Round
 Interview round was quite good, my interview lasted for about 15 minutes only. In that the interviewer asked me some questions regarding SQL, checked concepts on BST and took good interest in my journey till the interview. One general point: you should go through the product of any company you are applying to. As the interviewer asked my to tell him about "How I think Browserstack is helping developers", since I had used their product before that gave me a good edge over other candidates.

 Round 4: HR Round
 I did not have this round since my interviewer from Round 3 decided that it was not necessary. So yeah, the perk of doing good in a previous round is definitely there.

Important Topics and Subtopics to Remember

This company preferred practical experience over theoretical knowledge and being a Chemical Engineering student that worked out pretty good for me.

 Topics you must know:
 - OOP
 - Networks (Web Sockets)
 - DSA (Not required to deep dive though :p)
 - Database (SQL, MongoDB)

Sources of Preparation

I followed more practical experience than theoretical. So most of the preparation happened due to live freelancing projects. For DSA I completed interviewbit (Which is a really good resource). One general suggestion: Try out previous questions from organisation from all the sources you can find.

 Also, one thing which is underrated IMO is interview prep. Make sure you have pre-thought out answers to general questions like "What is the most interesting thing about you", "What is the most difficult problem you have solved", etc

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Additional comments

One thing most of the seniors miss out on telling juniors is to check the CTC of the company beforehand. Some of the companies add bonuses up to 5 years to their CTC. So what would be 10-12Lac/annum CTC becomes 20-30 Lac. (Obviously, PU allows that because this increases the BITS average package) Be sure to check out the CTC and I would recommend calculate it yourself before applying for the company. I am sure some misleading CTCs made their way to this year's chronicles as well.

BrowserStack

Mumbai

IT

Compensation Offered (CTC) : 20.96 LPA

SDE

B.E. Electrical & Electronics

CGPA: 8.03

Recruitment Procedure

Round1 : DSA based Competitive coding
 Round2: Real life application tail -f from linux on localhost using websockets
 Round3: Technical Interview

Important Topics and Subtopics to Remember

Their questions are highly inspired from previous year problems mentioned on geeks for geeks. Pleasr go through them. Also you need to have some experience in application of APIs in any preferred language of your choice.

Sources of Preparation

GeeksForGeeks

Additional comments

Flipkart

Analytics
Associate Business Analyst

Bangalore

Compensation Offered (CTC) : 13.4 LPA

B.E. Computer Science

CGPA: 6.99

Recruitment Procedure

Round 1: We had a presentation by Abhinav Gupta who'd been selected the previous year for the role. This talk was very helpful as he outlined what would be expected from us, and the projects and current concerns that Flipkart works on.Post this was resume short-listing(I am not sure what the criteria is. Just make sure your resume outlines all your relevant/important work.)

Round 2: Group discussion - This can get messy as some people naturally dominate the discussions, however always try to raise a unique or relevant point and try to give a new perspective on the running topic. In our case we had to discuss 'Challenges of E-commerce penetration in rural areas.' Having some knowledge of the company beforehand helps. Try to find and read news articles, and few good analysis online.

Round 3: Case study Interview(Short) - After being asked for an introduction and some grilling on the why Flipkart, I was given 2 case studies related to Flipkart: One about starting a new secondhand marketplace and the second on countering the packaging waste problem(very less data was given)
Rather than jumping into preset frameworks, take some time and think about possible segmentation and different solutions within them. Explaining in a structured manner is always appreciated, but you needn't use the structure memorized from case study books.

Round 4: Case study + HR + Grilling (Long) - In this one I was grilled about my resume and why Flipkart thoroughly. A small scale business I ran while in college was a topic of discussion. The style was friendly and conversational but they test whether you can take constructive criticism/questioning, a lot of questions on why engineering, the reason for switching to non core, relevance of projects, as well as a bunch of case studies, like increasing the time spent on the app, how to counter competitors etc. Take heed of the hints given during the case study and always clarify stuff, ask for information that could help you.

At the end of both Round 3 & 4 we were allowed to ask them questions.

Important Topics and Subtopics to Remember

Case studies(especially those relevant to the industry), Basic background of the company and operations

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Sources of Preparation

Some news articles(Google Livemint, The Ken), Podcast- Use Case etc.(online resources), Learning from running own business/startup and eco-tourism projects, talking to people in the early stage start-up ecosystem(network! use twitter, reach out on mail/whatsapp), Case studies(practice with people, learn structuring but don't memorize it as a rigid framework)

Additional comments

There are lots of resources online on marketing, product etc. nowadays, talk/try to get some experience with early stage start-ups even if for a few months on the side, and work on your own projects.

BrowserStack

Mumbai

IT
Software Engineer

Compensation Offered (CTC) : 20.96 LPA

B.E. Electrical & Electronics

CGPA: 6.23

Recruitment Procedure

Round 1: Coding Test
 First round was coding test held in the hackerearth environment. It had three questions. Two questions were straightforward easy DSA questions. Third question wasn't a straightforward difficult DSA question as you would normally expect. It wasnt from any of the advanced topics like Dynamic programming or graphs. It was a long question that involved lots of elements. We were told to design a server management system in which one can make servers active/ inactive through commands and save logs in each of the servers. A few commands were given with their output and we were told to design the system. It was a very lengthy question and required careful reading and understanding of the problem. I wasn't able to solve completely, however I wrote code that had the correct approach towards the problem which might have helped for the selection in first round.

 Round 2: Machine coding round (Open internet)
 This round was held the next day in the morning in DLT5. It was of 2 hrs duration and the problem was to implement a log watchin solution similar to the "tail -f" command for listening to changes in a file hosted on a remote machine(same as your server code). The log file should be in the append only mode, showing only the last few lines follwed by which on every log the log gets updated. This involved creating a server that would read the file and appropriately select the correct part of the file to show as output. At the same time It required you to have a client side program that would listen to this output on a realtime basis. We were required to use web sockets for the same. I used NestJS (framework of NodeJS) for creating the server. One could use any kind of framework/ tool for the same. In hindsight, I would recommend that everyone should have a very basic knowledge of python langu4age, and learn to create a basic server with the flask micro framework. This will be highly helpful in any kind of company that requires you to have an application based coding round(as was the case with Browserstack and Udaan). Python is very easy to learn and its a breeze to setup a server along with it using flask.
 To list a few ways to create backend server very easily
 - NodeJS with express
 - Python with flask

 For the front end of the application I was required to output the result of the logs. I used ReactJS for logging the output and listening to the changes on the server side.

 Round 3: Coding Interview
 Before moving into the DSA and technical questions, the interviewer asked me some non technical questions. Firstly he asked me why I wanted to get into software engineering being from EEE background. Then he asked me to tell about any difficult situation in my engineering life, how I handled it and what it

taught me.

Then we moved on to the technical part. Most of the questions were not strict DSA questions like the ones you would get from geeksforgeeks. The questions were some variations of common coding problems we face in software engineering that involved basic DSA.

To name a few problems
- How would you implement the name recommendation algorithm effectively, in what time complexity can it be done and how would you improve it. I used the tries method of creating the data structure and then iterating along the letters and their childs.
- A variation of LRU cache problem of hashing and linked lists
- I had mentioned Digital image processing(DIP) as a course in my resume. So was asked about how compression of images works.
- One question from networking was asked which was "What happens when you enter google.com".
- Finally I was asked a puzzle which was to find an algorithm to prove that any point in a two dimensional space is between a triangle when the points of triangle are given. (question available on geeksforgeeks)

Round 4: HR Round
The final round was HR round in which another interviewer who was Engineering manager at browserstack took the interview. It had some technical questions about very basic terms such as time complexity etc. He asked me why I chose to get into software engineering field even when I belong to EEE branch. Which is my favourite IDE. About the work I have done in my internship and the technology behind it. Why did Shipsy(My internship company) chose Sendgrid over Mailchimp(email service). Also if I had done some personal projects in my free time. Lastly he asked me if I had any questions about the company.

Important Topics and Subtopics to Remember

Data structures and Algorithms.
Networking
Programming Language

Sources of Preparation

Data structures and Algorithms: Interviewbit only
Networking: Github article "What happens when you enter google.com", Geeksforgeeks
Programming Language: Internship experience along with personal projects

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Additional comments

During preparation follow one type of material but do it diligently with time limit. (Interviewbit or GFG)
Its very important to show active interest in the field of coding for a startup like BrowserStack. Its not necessary to be a computer science topper or something. You should love coding and actually look forward to a career in the field. Studying with an actual goal to build software in the future will motivate you to learn easily. Always have some side projects to talk about apart from internship. If you dont have internship then personal projects are very important.
Being confident during the interview is very important. For any question always think out loud while you are solving the problem and try to explain the complete aspects of the problem from the very basics.

CommScope

Mechanical
Mechanical Engineer

Goa

Compensation Offered (CTC) : 6.12 LPA

M.E. Design

CGPA: 7.47

Recruitment Procedure

Round 1 : Written Exam :
 The level of question paper was similar to Gate comprising of mostly 2 marks numerical based question covering both mechanical engineering and aptitude.Most of the question were related to mechanical covering Thermodynamics , Strength of material , Fluid Mechanics and Machinery and Vibrations.

 Round 2: Technical Interview and HR:
 Mostly they were asking question related to Geometric dimensioning and Tolerancing and there major concern was about analysis project.So questions were mostly related to projects involving a complete designing of product right from idea generation to modelling and final analysis.Physics behind the analysis of a components crucial.Some questions were related to supply chain and lean manufacturing.Also about the casting and sheet metal guidelines knowledge.
 HR interview was very general like you have to justify the job role and willingness to join organisation and few things related to place you belong .

Important Topics and Subtopics to Remember

For written exam cover the Gate Syllabus with much focus on Strength of Materials Measurements and Metrology ,Machine Design Engineering , Thermal Engineering and Manufacturing Engineering.
 For Interview Analysis project (FEA Application) is must with knowledge of product design. CFD project will also be an added advantage.And knowledge of GD&T is required.Casting and sheet metal guide lines.

Sources of Preparation

Gate Previous year questions and for masters subjects go through course work.

Additional comments

Yeah Atleast learn one modelling and one analysis tool. Learn one programming software like python or Matlab.

Futures First Info Services Pvt. Ltd.

Hyderabad

Finance

Compensation Offered (CTC) : 12.4 LPA

Trainee: Market Analyst

B.E. Chemical

CGPA: 6.24

Recruitment Procedure

Round 0: Company PPT

 The session was a basic introduction to the firm and the work it does, substantiated by a few examples of the decision-making that analysts deal with on a daily basis. The presenters casually discussed that about 10% of the traders in the firm took home more than 1 crore rupees last year, and prepared the interviewees for a taxing but rewarding job ahead, in case they get selected.
 Overall, a must-attend session that prepared me for walking into the process with the right mindset, with some basic understanding of the firm and what the role entailed.

 Round 1: Aptitude Test

 Description: An online test comprising of 60 objective type questions (5 options), to be completed in 30 minutes. More than half of them were based on numerical capability and basic arithmetic visualization (e.g. rise/fall in the level of water in a U-tube on addition/removal of a certain volume, basic mensuration, geometric pattern identification). 15-20 questions could be solved by developing and solving basic linear/quadratic equations. 5-10 questions could be qualified as complicated, requiring significant time investment. So I'd say the onus was on picking your questions judiciously and trying to maximize your score. There was no negative marking, so you could be liberal with your approach. Try to keep the last 1-2 minutes for blind guessing, just in case.

 Preparation: PU conducts an aptitude workshop, and I will recommend attending it at all costs, especially if you feel underconfident about placements. The instructor is a brilliant man and the sessions will help enhance your accuracy, speed and problem pattern recognition. You'll be needing all three. Revise the worksheets he shares diligently.

 Stats: 120-150 students appeared. Top 26 qualified for the interviews. No CGPA criterion in place. Nothing makes me happier.

 Round 2: Technical Interview

 Description: You walk into a room and there's a 3-page form waiting for you. Fill it and go in room 2, you'll be interviewed by the Head Manager of the Hyderabad office.
 What are your strengths? What are your weaknesses? Which achievement at BITS are you the most proud of? Describe that time in your life you worked freakishly hard for something? What's the biggest risk

you've taken in your life?

These were some of the questions on it. The form being subjective, everyone in the room was taking their own sweet time filling it. Lengthy, calligraphed answers. Everyone wants to show they're unique, of course. I sat there with my form, trying to come up with my own machinations. 10 companies have already rejected me. I'll take my time filling it up.

No one completed their form for the next 15 minutes. I barely started on my masterpiece. Absolutely frustrated that no one turned up for the interview, the manager barged in the conference room and said, "Whoever came in last and hasn't filled up the form - he can come!". No one volunteered. Stuck between (probably) respect for his valuable time just being wasted sitting there, or out of my fear that if someone pisses him off and I'm next, I'm screwed - I raised my hand, like an absolute idiot. To my relief, he smiled and signalled me to accompany him to room 2.

He asked me about my strengths and weaknesses. I told him failure doesn't really affect me and I embrace the grind of the job at hand. He asked for examples, at which point I told him I wrote my 12th board exams twice because I performed poorly the first time. I was also the oldest student sitting for the placement, I pointed out in my resume. He seemed pleased, for some odd reason. Then he asked me for my weaknesses. I told him I don't work well with people. I only have 2 friends. He laughed. These were the only two positive moments of the interview. Overall, I regretted not filling up the form. Then there were some resume based questions about my projects. He wasn't really impressed for 70% of the interview, continued to drill for weaknesses. I maintained my best poker face. There was a question along the lines of, what is 97*49, I answered promptly with an approximation. He seemed satisfied. My engineering education felt worthwhile to me for a brief moment. At the end, he asked about the biggest risk I've taken. Desperately eager to have a strong finish, I humorously said, "Not filling up the form.". I was expecting him to burst out laughing, but instead I was met with a death stare and a firm handshake. Reality is often disappointing.

Preparation: No technical preparation is required. Knowledge of derivatives and markets wasn't required. In fact, I think being clueless about finance but demonstrably strong with numbers helped me come across as an open-minded, trainable candidate – what I feel they were looking for. Some students blurted out buzzwords like "financial engineering" and "fintech" to sound knowledgable but when grilled, yielded. My advice would be to just relax and be truthful, no matter your credentials. They are looking for stress-proof, impenetrable juggernauts who can eat numbers and drink graphs for lunch. A strong will to learn, an undying enthusiasm for the job and a handkerchief to wipe the sweat off your forehead should get you through.

Stats: 26 appeared. 6 qualified for the HR round.

Round 3: HR Interview

Description: The interviewer (a different person, junior manager this time) only had 2 questions.
1. Why do you want the job?
I tried to answer as truthfully as possible. I told him I appreciated the prospect of earning an obscene amount of money while learning something new. He smiled.
2. Would you leave in, say 4 months, if you don't like it?
I said I don't expect the job to be a bed of roses. You've had 8 years on the job. I'm sure you've had good days and bad days. You either win or you learn. I don't expect instant gratification or being applauded just to show up at work. I come from a middle-class, conservative family. I want to make something of myself. It starts here. The bad days will be a part of the job, I'm an adult and I'll be a professional about it. He shook my hand and I left the interview room.

Preparation: Same as above. Be honest and genuine.

Stats: 6 appeared. 3 got the job.

Important Topics and Subtopics to Remember

Prepare aptitude thoroughly. Knowledge of derivatives and prior experience in stock markets/ cryptocurrency/ prop trading is a sure plus, given that you can survive the drilling that follows. Revise your fundamentals beforehand in that case. Don't bluff or present half-baked ideas - you'll be instantly vapourized.

Sources of Preparation

Sharpen your basic arithmetic.

1. Aptitude workshop conducted by PU.
2. CAT/GRE/GMAT preparation, if you are/were planning to appear for them.

Additional comments

1. Use your friends for mock interviews!
 Answering a certain question in your head while taking a shower and answering the same question in an echo-y interview room are two completely different things. Try to schedule mock interviews in person and over Skype, at least once before you step in a real interview that matters.
 2. Tailor your resume to chime in with the role you're interviewing for.
 3. Don't be underconfident, don't be overconfident.
 4. Get your CGPA above 6 before the Placement season begins.

Tally Solutions Private Limited

Bengaluru

IT   Compensation Offered (CTC) : 7 LPA

Trainee- Software Engineer

B.E. Computer Science   CGPA: 4.52

Recruitment Procedure

Round 1: Programming & Aptitude Test (Written) (60 mins)

A pretty straight-forward generic aptitude test followed by Multiple Choice Questions to test basic understanding of Computer Science concepts and 3-programming questions (with programming language restrictions of C/C++/Java) focusing on Data Structures & Algorithms (DSA).

Round 2: Technical Interview (45 mins)

Interviewer was an associate-level employee in a company (~5 years of experience) and was of SDE background. He started with in questioning Object-oriented programming concepts while expecting me to write pseudo code for the tasks and later moved onto Operating Systems (OS) & Databases, throwing a bunch of analytical aptitude puzzles in between for the first 15 minutes. Later, he expressed interest to discuss more in C++/Java but I wasn't proficient in these languages (with my comfort language being Python), and we moved back to discussing OS (Scheduling Algorithms in Real Time Systems, since it caught his eye from my Resume) for the next 15 minutes. The last 15 minutes were mostly spent on discussing Modeling Project in AADL, that I was actively contributing towards.

Round 3: Technical Interview (45 mins)

A senior employee (~15 years of experience) was the Interviewer. Initially, he spent first 10 minutes questioning around stuff mentioned on the Resume (Projects/Internship) along with some analytical puzzles. Later, he moved to Memory Management and comparative implementation of various data structures (especially traversal of linked lists and inversion) at low-level by different programming languages. Was asked to write Python & C/C++ Java code for particular task (inversion of circular linked list) and compare performance by understanding the low-level execution for the next 20 minutes. Provided I was not confident in the above mentioned low-level implementations, he returned back to the Resume and started questioning on Cloud related concepts (especially Virtualization) for the remainder 15 mins.

Round 4: HR Interview (20 mins)

This isn't technically a selection round, since everyone who was in this round were offered a job. A HR manager (~10 years of experience) was discussing (not questioning) various Tech-stacks used by

different teams within the Company and potential career paths, the Company has to offer.

Important Topics and Subtopics to Remember
Intermediate level understanding of OS, Networks & Databases is a must
 Strong Understanding of any (atleast one) Programming Languages (C/C++/Java/Python)
 Data Structures & Algorithms
 Any of your projects (be thorough with objectives and resulting conclusions from them)

Sources of Preparation
GeeksforGeeks, LinuxAcademy/ACloudGuru

Additional comments
Am providing this based off my 6 month experience sitting for placements:

 > For interviews, the ability to steer the conversation is something that is invaluable if you are in a bad position. Try to move the discussion more towards your accomplishments and/or personal favorite/strong subjects that you are familiar with that are relevant to the job profile.

 > Anything you write on your Resume/CV, be ready to reinforce it (talk about it at length, say ~5-10 mins) should Interviewer ask.

 > PU wants you to make a 1 page resume on Superset which is submitted to the company if Resume-filtering or before Interviews. I understand 1 page is small to list everything, which is why, always carry a 2-3 page (as u see fit based off your work and accomplishments) CV on yourself to the interview and present it before it begins. I generally found Interviewers to be more interested in looking at my CV (2 pages) as opposed to PU submitted Resume (1 Page). But don't write paragraphs, keep it precise and in bullet points (but not too much).

 > I repeat, have higher CGPA. To put things into perspective, if you are less than 6 CGPA, you could be ineligible to appear in first round of 70% of the companies if not more.

 > Most of the IT companies come during the first two weeks of the semester where there is 2-3 Written Tests every day, so don't procrastinate in your third year or its following summer break and start preparing early.

Deutsche Bank

Pune

IT

Compensation Offered (CTC) : 14.3 LPA

Graduate Analyst

B.E. Electrical & Instrumentation

CGPA: 6.48

Recruitment Procedure

The level of questions asked in DB Recruitment process is easy as compared to other Tech companies. All you need is a decent technical know how and good communication skills to make your resume as presentable as possible in the interview. One pro tip, research about the company (latest news, stock rate, correct pronunciation of Deutsche, etc) and try to showcase that in the interview rounds.

Round 0 (Coding test) -
It was a HackerRank based test comprising of 3 questions (1 easy and 2 medium difficulty questions). First question was a simple hashmap based question to remove duplicate words from a string. Rest of the two were based on Dynamic Programming. People who solved 2 out of 3 were shortlisted for the next round

Round 1 (Technical Interview Round 1) -
The round focused mainly on DSA along with some questions on OOP and SQL.

Round 2 (Technical Interview Round 2) -
In this round I was asked about the projects which were showcased on my resume with discussions on the the technologies used and challenges faced. Also, some situation based questions were also asked in order to check your attitude and communication skills.

Round 3 (HR Round) -
HR round was fairly straight forward comprising of generic HR questions like tell me about yourself, strengths and weaknesses. I was asked about my low CGPA, if you have one prepare a good answer for yourself.

Important Topics and Subtopics to Remember

DSA, OOP and SQL

Sources of Preparation

InteriewBit and GFG

Additional comments

Research about the company you're sitting for like latest news, mergers and acquisitions, stock price, company logo and name, etc and try to present that research in the interview. This shows your seriousness about the company. Always ask some genuine question at the end of the interview.

Deutsche Bank

Pune

IT
Graduate Analyst, Technology

Compensation Offered (CTC) : 14.3 LPA

B.E. Electrical & Instrumentation

CGPA: 7.14

Recruitment Procedure

Round 0: Coding round
It had 3 questions.
1st was an easy one, simple array manipulation
2nd one was a bit tough, could be solved without dynamic programming, but I solved using dp, which made it simpler and gave me an edge
3rd one was based on graphs, was a modified BFS
Nine students got shortlisted after the coding round.

PPT:
It was on a Sunday at 8.45AM! And it was in the very well air-conditioned, comfortable teleconference room! Yet it was interesting and we were excited by the end of it. We learnt many things, first thing being how to pronounce Deutsche Bank and how crucial Deutsche Bank is to the global economy. This session happened at the same time across all the three campuses. The session was interactive and we asked a few questions. We learnt the scale of operations and the structure of the organization.

Round 1: Technical interview
As the name suggests, it was completely technical. I was asked to write pseudocode and explain the thought process of two coding questions. One was based on BST and another one on stacks. After that I was drilled on my PS2 experience, what I did there and what role I played. PS2 helped a lot in gaining experience and acing the interview.
Four students got shortlisted out of the nine of us.

Round 2: Technical/Managerial
This round was interesting. It had both technical questions and questions on conflict resolution and such. I was asked to explain the OOP concepts and was later asked to design a basic application. We discussed the thought process, design process and why such decisions had been made. Later I was asked questions like how would you deal with team conflicts, how would you deal with sensitive data and such. Overall they were testing how would I fit in as an employee in a bank.

Round 3: HR
It was 6.30PM. Four of us were very tired yet excited. All of us were almost ready to give a treat to our friends. But there was still one round left, HR. Do NOT take it lightly, it is a very important round. There were some standard questions like why this company, how would you fit in and such. But there were some out of box questions and in-situational hypothetical questions as well, which made the process fun.

All four of us got placed.

Note: It was all virtual.

Important Topics and Subtopics to Remember

DSA & OOP are the most important than anything, a good grip on them would get you far. DBMS & OS are added bonuses and will give you an edge.

Sources of Preparation

Seniors, Hackerrank, Interviewbit, Geeksforgeeks, Placement Unit IT sessions

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Additional comments

Work on good projects related to your domain, helps you gain experience and looks good on the resume. Internships are much more important than you think. Keep your internship experiences fresh in your mind, it helps a lot during interviews. If you're aiming for the IT industry, learning things like SDLC, Agile, Scrum, etc; will give you an edge and interviewers love when they get to know that you have hands-on industrial experience.

 Consult your seniors and always stay in touch with them. PU is always there to help and they're working very hard to get everyone placed, so be nice to them. Always discuss questions and experiences with your friends, be active. Have proper sleep cycles, being punctual is crucial. Never be hungry during interviews, you will face setbacks in your levels of thinking. Be cool, try not to get nervous! Interviewers(well, most of them) are friendly and will help you through the process

Deutsche Bank

Pune

IT

Compensation Offered (CTC) : 14.3 LPA

Graduate Analyst

B.E. Electrical & Electronics

CGPA: 7.9

Recruitment Procedure

Round 1: Coding Round

3 questions were asked. One was easy, one was moderate and one was very difficult. I solved the easy problem and solved the moderate problem partially.

Round 2: Technical Interview

Interview was taken via Video Call from Hyderabad Campus. The interviewer mainly asked me questions on my PS2 internship projects, which was on Spring Boot, Java and DBMS related work. I think he asked me a few basic oop questions too.Interviewer was friendly.
Interview went for around 30-40 min

Round 3: Technical Interview.

I was asked many questions on oop and java. Like explain any 2 concepts of oop with example code,garbage collection in java, difference between java and c++. He also asked me questions on my extra curricular activities, He also asked me why I chose engineering as a career choice.Interview went for around 30-40 min. Seemed a very friendly guy to me.

Round 4: HR interview

He asked me questions like tell me something about yourself, what is the importance of tech in banking, why do you want to work in Deustche Bank etc.

I was not asked DSA related questions in any of the interview rounds.But the other guys who were in the process with me got asked DSA related questions.

Overall I would say OOP , DSA and your internship knowledge are the most important topics.

Important Topics and Subtopics to Remember

OOP , DSA and internship work

Sources of Preparation

geeksforgeeks , Interviewbit

Additional comments

Deutsche Bank

Pune

IT

SDE

Compensation Offered (CTC) : 14.3 LPA

B.E. Computer Science

CGPA: 6.41

Recruitment Procedure

Round 0 - Coding Test (3 questions)
 => First question was a cake walk, non-standard adhoc question, just to test whether the student has basic programming knowlede like handling i/o , recursion and loops.
 => Second question was a variation of the famous fractional knapsack problem based on standard greedy strategy.
 => Third question was based on queue and space optimization in recursion, if the question was implemented with recursion it would give memory overflow, so the recursion was to be implmented as iteration with O(n) additional space only. The question was to generate all numbers in bits representation smaller than a given length with alternate 0 and 1.

 Round 1 - Technical Interview (Coding Interview)
 => After round 0 only 9 students proceed to this round. This round also consist of coding questions but on paper. The interview was conducted online.
 => First question was to write a pseudocode for the famous problem - min element in a stack, the objective of the question was to test the approach taken by student, you have to start from brute force approach and then identify the flaws associated with the approach relating it to a practical problem and then optimizing the time and space complexity and coming to the best solution. You have to be precise and clear in speaking and have to convey all your thoughts and understanding to the interviewer.
 => Second question was how the git merge operation is implemented. What data structure and alogrithm could have been used to do this. Like above this question also test the approach and thought process of the student, you have to justify every step to the interviewer.

 Round 2 - Technical Interview (Resume and Core CS subjects)
 => After round 1 only 4 students proceed to this round. The interview was conducted online.
 => In this round I was asked a complete description of the problem and solution of diffrenet projects that I did during my internship and my academic year. The obejctive of this question was to know whether the student has done the project himself and has clear understanding of the project.
 => I was also asked two questions regarding OOP - differnce between polymorphism and abstraction, write a pseudocode for interface in java.
 => Lastly I was asked a question of SQL query. This question test the MySQL programming aptitude of the student. It consist of the query GROUP BY and MAX.

 Round 3 - HR Interview (Final Round)
 => The final round was standard HR round with questions like why we should hire you, what are your strength, what you look forward in the organisation.

=> I was also asked two curveball questions - how many different companies you have appeared before and what was the reason you were not selected, what will be your next move if you are not selected today.

Important Topics and Subtopics to Remember
DSA, DAA, OOP, OS, DBMS, Computer Networks

Sources of Preparation
Any one platform from interviewbit or leetcode is enough for developing intermediate coding aptitude, practicing on codeforce or codechef will take you one step further.

For core CS subjects I would suggest various lecture notes and pdfs available on internet from differnet universities.Completing these resources would give you intermediate grasp on the subjects but they require a lot of time for preparation, min 6 months before placement drives.

Additional comments

Deutsche Bank

Pune

IT

Compensation Offered (CTC) : 14.3 LPA

Graduate Analyst

B.E. Electrical & Instrumentation

CGPA: 6.48

Recruitment Procedure

The level of questions asked in DB Recruitment process is easy as compared to other Tech companies. All you need is a decent technical know how and good communication skills to make your resume as presentable as possible in the interview. One pro tip, research about the company (latest news, stock rate, correct pronunciation of Deutsche, etc) and try to showcase that in the interview rounds.

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InteriewBit and GFG

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Research about the company you're sitting for like latest news, mergers and acquisitions, stock price, company logo and name, etc and try to present that research in the interview. This shows your seriousness about the company. Always ask some genuine question at the end of the interview.

Directi (Media.net)

Mumbai

Marketing
Senior Associate (Marketing)

Compensation Offered (CTC) : 13 LPA

B.E. Mechanical

CGPA: 6.9

Recruitment Procedure

Round 1: Resume Shortlisting

The resume short listing is majorly done on the basis of your PS 2 experience (if you already have one). What I realised is, it is not a good choice to do PS in Data Science and apply for marketing roles. Basically, choose before PS or Placements whether it has to be Core, Non Core or IT. Accordingly, choose your PS, the PS experience plays a very significant role in Placements, try to befit yourself in best possible role at your station.

Round 2: Case Study

Generally, Case Study is a part of pre or during Interview Process but in Directi we were given 2 days to prepare the case study after the topic was announced. The case study was on Digital Marketing which is same as the role that was being offered.

Interview Rounds:

Round 1: Discussion on Case Study which was submitted. The approach is the major part, final conclusions are not of great interest. Brief discussion on the projects mentioned in the resume. A few puzzles.

Round 2: Deep Dive into digital marketing concepts (these are very logical and doesn't need prior experience). Again, target audience selection w.r.t different business was tested. The Approach that you will take to show the ads to different consumer segment.

Example:
Q) To whom you will show the ads of poker set.
A) We can here bifurcate the problem into, sum assumptions which should be obviously in coherence with your interviewer. Here, you can say Poker is more common among boys than girls. People upto the age of 25-30 might be interested in playing poker as this is a new gen game in India. Location wise - Metropolitan Cities have more of the culture of these kind of games as compared to Tier 2 and 3 cities. Discount can be offered during festive seasons to peak the sales.

This kind is approach is expected.

Guesstimates of this approach can be asked to solve as a leading question.

Round 3: HR interview with VP marketing.
Typical HR interview, mine one was a Canadian so he asked me more about the weather in Goa, and asked in what ways I can push my limits to acheive a goal.

Important Topics and Subtopics to Remember

Non Core - No CDCs. Guesstimates and Puzzles to be practised for Interviews, and CAT level prep for Aptitude tests will be more than sufficient.

Sources of Preparation

Guesstimates & Case Studies: Case Interviews Cracked (A Must). If you start preparing early Case Study Lecture Series by Victor Cheng can be helpful.

Aptitude: Solve the sheets provided during the Apti Workshop held by PU.

Additional comments

Try to get the best from the PS 2 station. Very Helpful

Directi (Media.net)   **Mumbai**

IT   Compensation Offered (CTC) : 15 LPA
SRE

B.E. Electrical & Instrumentation   CGPA: 5.39

Recruitment Procedure

Round 0 : Online MCQ Test - Questions were from Operating System, Computer Networks, Algorithms, Data Structures, DBMS, General Aptitude. Keep your concepts clear on Networking and you can crack this test. 50+ students were shortlisted for the next test.

 Round 1 : Coding Test - This round was a 3-4 hour offline socket programming test. The problem had 3 sub questions and a bonus part.
 Q. Host a server using socket programming which serves the purpose of setting and getting key-value pairs.
 You are allowed to use any programming language. They also shared documentation for python,java,c,c++,go.
 a. the command "set campus goa" will set the value of key "campus" as "goa".
 b. the command "get campus" will return answer "goa".
 c. build a load balancer that will distribute the load between 2 server instances according to the key. If key starts with "a-n" first instance handles the request, else second instance handles it. Both instances should be able to work parallelly.
 d. what if instance-1 gets crowded with huge number of requests as compared to instance-2. Is there still a way to balance the load between both of them approximately equally? implement the solution.

 We were being evaluated by the Directi people during the test based on our approach and implementation. They also asked questions like what is a socket, what is a port, why did I choose a specific port to host on, etc.

 I would recommend to use python as it is faster to code in and execution time was not an issue here. First 2 parts are fairly easy if one knows how to write socket programs. In the third part you would host the 2 instances on different ports so they can parallelly run, and the load balancer (which is also a server) will have the if-else block to distribute load according to keys. The last part uses hashing. You hash the key first and then use the if-else block on the hashed value.

 5 people got selected for the next round.
 Round 2 :
 Interview-1 - It started with the all-time favorite question : 'Tell me about yourself'. He read my resume and started with Networking questions. What happens when you type "google.com" in a web browser, was the question. I had to explain DNS, routing, DNS recursor, host resolution, TCP handshake, HTTP request, TLS, HTTPS request, http-codes. He also asked about asymmetric encryption and examples (RSA), and

asked me to explain RSA. Then he moved on to the basic linux utilities like grep, man, cp, cat, rm, awk, head, tail, curl, piping, etc. and asked practical questions about them which I had to demonstrate on his laptop. After that he asked me about docker (since I had it on my resume), a few more questions about system calls, how is WSL (windows subsystem for linux) different from linux. It was a very interactive interview, I was nervous in the beginning but felt better soon after, as the interviewer was friendly. This interview lasted for 1hr 15min.

Interview-2 - This interview was more focused on my resume and he asked me detailed explanations of the projects that I did in my PS-2. Lastly he asked about NoSQL databases and asked about consistent hashing algorithm.

Interview-3 - This was the final interview (there was no HR round). This interview did not focus much on the correctness of the solution, but on the approach that I took and tried to guide me to a better approach. He asked me two questions with multiple subparts. I don't exactly remember all subparts but here are the questions.
 a. How would you share a file sized 100GB across 100 servers. What is the fastest way?
 b. A server log file is being read and you have to keep track of the maximum number of times an ip appears. What if the file is so large that you cannot store the information in same machine, how can you still get the maximum ? Can you recover the 2nd maximum too ? and more questions like this for both a. and b.

Important Topics and Subtopics to Remember
Computer Networking, System Design, Operating System, DSA, DBMS, Socket Programming, Linux Commands (not compulsory but its a plus)

Sources of Preparation
Socket Programming - sentdex (https://www.youtube.com/watch?v=Lbfe3-v7yE0)
 CN, DSA, OS, System Design, DBMS - geekforgeeks

Additional comments

Directi (Media.net)

Mumbai

Marketing
Senior Associate (Marketing)

Compensation Offered (CTC) : 13 LPA

B.E. Mechanical

CGPA: 6.9

Recruitment Procedure

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Aptitude: Solve the sheets provided during the Apti Workshop held by PU.

Additional comments

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EagleView

Banglore

IT

Compensation Offered (CTC) : 13.84 LPA

SDE

B.E. Electrical & Electronics

CGPA: 7.53

Recruitment Procedure

Three rounds:
 1 - questions based on data structures and competitive coding.
 2 - Questions on projects done. Questions on framework/tools used.
 3 - Final HR round only for those who are shortlisted.

Important Topics and Subtopics to Remember

Hold on at least one coding language.
 Data structures and Algos.
 Thorough knowledge of your projects and frameworks used.

Sources of Preparation

Geeks for geeks and interview bit.

Additional comments

EagleView

Banglore

IT

Compensation Offered (CTC) : 13.84 LPA

Software Development Engineer

B.E. Electrical & Instrumentation

CGPA: 7

Recruitment Procedure

Round 1: This was a coding test which consist or two questions which were mainly logical based questions , advanced dsa skills were not required.
Round 2: This was the first interview round with the senior software Engineer of the company first he started with general introduction and then he moved onto asking me some puzzles.The first question was
1. There are 3 box one with red ball one with blue and the last with both blue and red.The boxes were wrongly named you need to find the correct names of the boxes in minimum steps.
2.This was to find a formula to split a chocolate bar of size m*n into single pieces in minimum steps.
Then he asked me about the projects that I did in my internship and how I approached them.Then he moved on to dsa question he only asked me a single question:
1. there are two linked lists and they are joined at a particular cell you need to find the address of the cell.

Round 3: This was the final round with the Principal engineer of the company .First he took a look at my cv and then started asking about certain terminologies mentioned in the cv like rest API , AWS, computer vision libraries.

Important Topics and Subtopics to Remember

DSA

Sources of Preparation

Interviewbit, geeks for geeks

Additional comments

You should be thorough with each of the point written on your cv

EdgeVerve

Bangalore

IT

Compensation Offered (CTC) : 17 LPA

Member of Technical Staff (MTS)

B.E. Electrical & Instrumentation

CGPA: 8.27

Recruitment Procedure

Round 0 : Coding Test
 We were asked 3 coding questions.
 Ques 1 : Palindrome . Divide the string into 3 parts such that each part is longest palindrome. Brute force solution was also getting accepted
 Ques 2 was based on 2 dimensional grid.
 Ques 3 was a design problem.
 The difficulty level was medium. Each problem had 6 test cases.

Round 1 : HR Round
 The company wanted to find people who were interested in Java language. The HR was just trying to understand my interests. She asked me 3-4 questions
 i) Tell me a bit about yourself .
 ii) Which technology stack are you comfortable using ?
 iii) What is my dream company ? Why ?
 iv) Is there any question that you want to ask ?
 Just be prepared with these questions. It shouldn't appear that you were blanked while answering these questions. Also try to ensure that she doesn't feel like you are not authentic.

Round 2 : Technical Round
 I was asked questions based on my resume. Since I had worked on sorting algorithms , I was asked about selection sort algorithm and to write its implementation . While swapping in selection , he asked if we can avoid the use of the extra variable. I told him we can copy the value to the previous indices and no need to use the extra variable.

Round 3 : Technical Round
 In this round also , I was asked questions based on my resume. He showed me a game and told me to design it. The question was similar to this https://leetcode.com/problems/unique-paths-ii/. I gave a recursive solution instead of dp solution first. But he was satisfied with the recursive solution and didn't ask dp solution.
 He then asked me whether I had used MongoDB or not ? I replied No.

General Tips :
 i) In the HR round, look authentic.
 ii) For technical rounds, be thorough with your resume. I was asked on everything written on my resume.

Always discuss naive approach first before optimizing it. It shows the clarity of concept which the interviewer is looking for.

Important Topics and Subtopics to Remember
DSA , OOP ,

Sources of Preparation
interview bit, leetcode, gfg

Additional comments

EdgeVerve

Bangalore

IT

Compensation Offered (CTC) : 17 LPA

Member of Technical Staff

B.E. Electrical & Instrumentation

CGPA: 7.62

Recruitment Procedure

Round 1: Resume Shortlisting
First round was a shortlisting of all those who had applied based on branch and CGPA. The cutoff was 7 and only circuit branches were allowed to appear for the coding test.

Round 2: Hackerrank Test
3 questions were given. 2.5 hours was sufficient for thinking and applying logic. The following were the questions:
1. Given an N X M matrix, cities are marked with coordinates X and Y. Q queries will be given, each query will have a city name C. For every C we had to find out a city P which shared either the same X coordinate or Y coordinate with city C and print it. In case of multiple answers, print one with lowest euclid distance (sum of distances between X and Y coordinates of P and C). Example was given as (bangalore(3,2)) , (chennai(4,2)), (delhi(3,6)). For query with 'bangalore' we had to print chennai (both chennai and delhi share common coordinate with bangalore but chennai has lesser euclid distance)
2. Partition a string into 3 substrings such that all of them are palindromes. The first substring should be smaller than second and second should be smaller than third. example - 'aaaaaa' answer will be ('a','aa','aaa') . In case no answer, print -1.
3. Given a list of entries in the format ('user-id','time',action) where action can be 'sign-in' or 'sign-out', and an integer M, we had to print all the user-ids which spanned less than M amount of time .Span=signout time-signin time.Also the entries were randomly entered, sign out can come before sign in and for some only sign in or sign out data might be present.

The first question required better than $O(n^2)$ because of constraints. Brute forcing won't pass all testcases. The second one can be solved using brute force but it had corner cases. Third one was basic implementation. ~1.5 questions was the cutoff.

Round 3:
It was a PPT round where they briefly explained what kind of work was done at edge verve and what technologies were used. It was also the first time they visited Goa Campus, so took some time :P

Round 4: Interviews
This consisted of 2 technical rounds and 1 HR round. There was a long discussion on projects and internships and interests based on online courses which I had done. They were senior members of the company, and so the technical rounds weren't very DSA heavy. I was asked 2 basic DSA questions - 1)

Finding if Linked List contains cycle. 2)Using only recursion, find if a string is a palindrome

Important Topics and Subtopics to Remember
DSA

Sources of Preparation
Interviewbit, GFG. Hackerearth is good for graphs, I hadn't followed it but it's good :)

Additional comments
Maintain good CG. Start competitive programming early even if you don't have CS background. Give contests on Codeforces, LeetCode, Codechef and Hackerearth regularly(preference in descending order)

EdgeVerve

Banglore

IT

Compensation Offered (CTC) : 17 LPA

SDE

B.E. Computer Science

CGPA: 7.4

Recruitment Procedure

Round 1 Coding round: There are three questions in the coding round all of them based on standard data structures. Need to solve atleast 2 questions completely to get qualified for the next round.

Round 2 Technical interview: Interview was mostly based on the projects done during the course of time in the institution and during PS2 and some standard DBMS questions.

Round 3 HR interview: HR asked why edgeverve?? And if you get some other job offering same pay but in the field of AI and ML will you forefit the offer?? Discussed about location and about the company. Got the offer finally!!

Round 4 technical interview: Though I got the offer there was another round just for formality sake where we discussed about the PS2 project.

Important Topics and Subtopics to Remember

DSA , DBMS

Sources of Preparation

GFG for DSA good YouTube channel for DBMS

Additional comments

Stay cool and calm during the interview

Ernst & Young

Professional services firm
(CTC) : 13.65 LPA
SDE

Bangalore

Compensation Offered

B.E. Electrical & Instrumentation

CGPA: 6.34

Recruitment Procedure

Round 1 : Aptitude and coding test
 There were 3 sections.
 The first section had quantitative reasoning questions .There were around 15 questions.
 The second section had verbal reasoning questions . There were around 15 questions.
 In the last section , 2 coding questions were given .

 Round 2 : Coding round
 The interviewer asked me about the topics that I was comfortable with and about the algorithms that I am familiar with . He asked me to write Dijsktra's algorithm on a paper.
 Then he asked me around 3 graph questions which involved concepts of bfs , dfs and cyclicity. He then asked me a few questions on sorting and searching algorithms .
 He then asked about the projects that I have done .
 Later , he asked me if I was comfortable with OOP and asked a few questions related to it.
 In the end , he asked for my codeforces and leetcode handles and asked me when I started coding , why I am interested in the role , whether I could handle the pressure .

 Round 3 : HR round

 The interviewer introduced himself and asked me to name a few peculiar things about the company .(Luckily , I googled this just before the interview , so I was able to give a few points). He then asked me "How long are you going to stay with the company" , "Are you planning to go for higher education" , "Are you willing to shift to a different place " . Finally , he asked me if I had any questions about the company or the role .

Important Topics and Subtopics to Remember
strong foundation in OOP
 clarity over graphs and whatever algorithms that you are familiar with

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Sources of Preparation

Leet code
codeforces
geeks for geeks

Additional comments

Ernst & Young

Bangalore

Finance
Market Risk Analyst

Compensation Offered (CTC) : 13.65 LPA

B.E. Electrical & Instrumentation

CGPA: 7.3

Recruitment Procedure

Round 1: Technical Interview

This profile was only open for MSc. Maths + CS/EEE/ECE/EnI students. Mainly they expect you to be proficient in mathematics. I was asked basic questions in Linear Algebra, Numerical Analysis, Real Analysis, Differential Equations and Optimisation. No finance question. Was asked if I'm familiar with Python. But mainly just maths. Interviewer did not expect me to recall anything deep from these courses, just basic definitions and a rough overview of the deeper results and methods that exist.

Round 2: HR

Just a formality. Be familiar with your resume talking points. Convince them you want to work at EY and you're sorted.

Important Topics and Subtopics to Remember

1) Eigenvalues and Eigenvectors
2) Measure Theory and Lebesgue Integral basics
3) Numerical methods in linear algebra and integration (Gauss Siedel, Quadrature rules etc.)
4) Optimisation basics (simplex, sensitivity analysis etc.)
6) Basics of ODEs and PDEs

Optional -- you'll definitely have an edge if you know this stuff:

5) Financial Mathematics -- derivative pricing, stochastic calculus, martingales etc.
6) Python -- implementing pricing models and numerical methods

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Sources of Preparation

Just math CDCs, but if you want to study Financial Mathematics, refer to Baxter and Rennie's "Financial Calculus: An Introduction to Derivative Pricing". It is a nice but non-trivial starting point.

Additional comments

For almost all companies, the interview process is quite arbitrary and depends on luck too. So don't feel bad if the interviewer does not respond to your answers well and you don't make it!

EXL Services

-

Analytics
Business Analyst

Compensation Offered (CTC) : 6 LPA

B.E. Chemical

CGPA: 7.33

Recruitment Procedure

Aptitude Test:
 I was not able to give the aptitude test as I was not registered.in the portal on which exam happened. However my peers who gave the exam told me that it was a basic aptitude test with basic QA and DI questions.
 After that, as the exam could not be conducted later too, I was directly interviewed.

 Round 1 (Interview)
 1) Basic questions:
 Tell me about yourself.
 Why business analytics?
 2)Guesstimates: After that, he asked me a guesstimate which he derived from one of my interests-badminton. The question was "How many tickets are sold in a badminton tournament?"
 3)SQL: As I listed SQL as one of my skills, he asked me a question on types of joins. He gave 2 tables and asked which join shall be used for different scenarios.

 Round 2 (Interview)
 1) Basic questions:
 Why EXL and why business analytics?
 2)Puzzle:
 He gave me a puzzle about 5 brothers and 100 coins and how should they distribute the coins among themselves (with some conditions). I have read the puzzle previously but I vaguely remembered the method. However, I started recalling and then told him the thought process at which he corrected me once. And then with a discussion, I came up with the right answer.

Important Topics and Subtopics to Remember

Guesstimates and case studies should be practiced from the resources. Usually, there is a set of puzzles from which the interviewer picks up and asks. So if you go through the puzzles in the puzzles section of pariksha.com provided by PU for practice, it would be great.

Sources of Preparation

For case studies and guesstimates: Victor Cheng videos(for starting); Case Interviews Cracked (Youtube videos and the book); Case in point

For product interviews: Cracking product management interviews (This book also consists of great tips on other important topics such as Resume building, what the interviewer wants etc.)

Additional comments

1) It is always great to google about the company and your role before entering the interview room, as when you show that your interests are parallel with those of companies, it earns you a brownie point as it shows that you have researched. Also if you listen in the Pre-placement talk, you can have questions to ask at the end of the interview when the interviewer says "Do you want to ask anything?".

2) Guesstimates can be practiced by yourself (It's great too if you practice with a friend), but it's better to practice case/product studies with your peers.

3) Of course, practicing case studies don't make sense if you could not clear the aptitude test. So, attend the classes conducted by PU for aptitude tests and take them seriously. Keep giving tests on pariksha.com for practice. I would suggest doing at least one case study a day with your friend after reaching the campus, while also preparing for aptitude tests side by side. It would be great if you could start practicing for aptitude tests before coming to the campus.

4) For HR interviews, there are some pre-determined questions, that might be asked in different ways. These should be prepared before itself for which you can practice with your friends. Also, you can look up on internet for some good answers.

All the best!

FICO

Bangalore

IT

Compensation Offered (CTC) : 12.5 LPA

Solution Integration Consultant

B.E. Mechanical

CGPA: 8.3

Recruitment Procedure

Round 1 : Written Test (Coding + Aptitude)
 The test had 4 sections : A. MCQ with codes given and asked to find what the code will generate, type questions. B. Write a code for a given situation. Long answer type. C. Aptitude questions MCQ. D. One HR type subjective question.

 Went straight to interviews after clearing this written test.
 Interview 1 :
 I was the first one to give the interview of all selected, so interviewer took his time.
 My first round went on for more than an hour. No clear distinction on whether it was technical or HR, it was a mixture. Interviewer discussed every single thing I had on my resume and then went beyond and discussed random life events and seemingly unrelated things.
 Just answering each questions honestly and being comfortable is what gave me the edge I think.
 Keeping my body posture and tick movements in check and talking with confidence and without flustering.

 Interview 2 :
 I was thrown straight into the HR chamber after interview 1 completed.
 And there she asked all the basic HR questions. It was a bit tricky as she tried to confuse me by deliberately taking the wrong meaning out of the answers I gave. It all boiled down to how clearly and passionately I justify the mugged up answers I had prepared for basic HR questions.

 I was sent back to my room after that as they said your process is complete and wait for the final result announcement in the evening.
 I heard everyone got around 4 rounds of interview, so my process was a bit different.
 Also, no one's round lasted for more than 20 minutes as compared to mine which lasted a lot longer.
 Ultimately it's about staying honest and confident.
 You should be well versed with anything and everything you write in your resume.

Important Topics and Subtopics to Remember

OOP, DBMS, DSA

Sources of Preparation

GFG, InterviewBit, Tutorialspoint

FICO

Bangalore

IT

Compensation Offered (CTC) : 12.5 LPA

Solution Integration Consultant - I

B.E. Electrical & Instrumentation

CGPA: 6.59

Recruitment Procedure

Round 0 : Coding Test and Aptitude

The coding test and the aptitude test were combined into one test, and it was a pen and paper round for both. If you want to clear this company's coding round, knowing java is a must as literally all the questions that were asked were related to java, OOP and DSA. There were around 25-30 objective type questions where you had to answer some theoretical questions on java and OOP, and some code snippets to which you had to mention the expected output. Anyone who has done OOP in their coursework can breeze through this round. There were 5-10 aptitude questions, objective type. But if you focus only on the coding part and do some aptitude questions, you can clear this round easily

There was one coding question, the coin sum infinite problem, which is a very popular DP question. Do not scribble around too much, keep your code compact and readable, I added comments in my code just to make it more readable. I was selected for the next round.

Round 1: Technical interview

In this round, they focused mostly on my latest project which I did in my PS. I explained to them the whole crux of the project in as precise and compact way as I could, and explained to them how I used the concepts I learned in college, in my project. Others were also asked to explain their code in the problem given in round 0, they didn't ask me that. The technical interview surprisingly didn't last very long, about half an hour, they ended up asking me mostly about my projects.

I was asked some more questions about OOP, some basic theoretical questions that everyone must be familiar with.

Round 2 : HR interview

The HR interview was very casual, there were some cliched HR questions that every company has to ask, like "Tell me about yourself" etc. Since I had already been through a couple of interviews before it was easy to answer most of the questions. It is important not to hesitate or be so nervous you don't speak at all. Be as tactful and respectful as you can, and don't lie about any issue. The company had come for two roles, I was asked my choice of the pick. I was frank in telling them I had no qualms about any and I would take up any role as long as it was interesting to work with. They asked me if I wanted to ask any question about them. Ask anything you wish, about how the company works or what is the work culture like but do ask. It is important to voice your opinions but while sticking to the subject and not straying from it.

Round 3 : Pressure round

 This round was the most informal of all rounds, the interviewer was trying to gauge how well I do in situations where pressure is the norm. He asked me my entire academic history and particularly how I did in college. I was totally frank with the interviewer and I told him I could have done a lot better if I had studied on time or did some more things back in college. He wasn't interested in what answers I was giving, but how I answered them mattered more. Again, be specific and precise about your answers and never try to "diplomatically" answer any question regarding your academics or try to make up excuses. Just be frank and bold, you will clear this round pretty easily as well. Give the interviewer a reason to take a chance on you, trust me they are always willing to give you a chance so long as assure them you will put in all the effort needed.

Important Topics and Subtopics to Remember
Object Oriented Programming, Computer Programming, Data Structures and Algorithms

Sources of Preparation
Interview Bit, Geeks For Geeks, LeetCode.

 It is better to have multiple sources to see which problems are the most asked. Geeks For Geeks has the largest collection of problems, best to stick to if you still have time.

Additional comments
Even if you don't have any experience in IT, it is fine. But of course, it is a plus point. The more projects you have in CS or related fields, the better.

FICO

Banglore

IT

Compensation Offered (CTC) : 12.5 LPA

Associate Software Developer

B.E. Electrical & Electronics

CGPA: 7.09

Recruitment Procedure

Round 1
 Written Coding Round(60 mins)
 We had to give a written test which consist of-
 18 Tough Java and Programming MCQ's (regarding core Java concepts
  like Inheritance,Polymorphism etc).
 Aptitude Section (Relatively easy aptitude questions).
 1 DP Question (Coin change problem).

 Just try to solve MCQ's quickly as they are lengthy and you will fall short
  of time.Aptitude section is easy to score.Write down the programming DP
  question neatly and indented.

 Round 2
 Technical Round(25-35 mins)
 The interviewer greeted me and made me comfortable.He started looking
  at my projects in the resume.
 I was asked to describe each and every project in detail and depth.He
  asked me what work I contributed and was checking my application of
  the theory knowledge.
 He also asked me how I used OOP concepts in projects directly and
  indirectly.
 He checked my knowledge on Programming and OOP. He asked me real
  world implementation of Inheritance,Abstraction and
  Polymorphism(Runtime and Compile time)
 He then checked how comfortable I am with Java and its concept.

 Study your project in detail because he will point and ask you every
  possible question.Be fluent with OOP and Java concepts.

 Round 3
 HR Round (10-15 mins)
 The HR interviewer was chill.She told me to list good and bad qualities in
  me.She then asked me to explain all the qualities with context to my
  experiences.
 She discussed the hobbies listed in my resume.She then told me that they

are ready to offer Software developer Role and asked if I am ready to accept it.

This was followed by a meet with VP and the FICO team congratulated us :)

Important Topics and Subtopics to Remember
Java ,OOP ,Programming concepts,DP

Sources of Preparation
GFG,Interview Bit,Javatpoint

Additional comments

FICO

IT

SDE

Bangalore

Compensation Offered (CTC) : 12.5 LPA

B.E. Electrical & Electronics

CGPA: 8.51

Recruitment Procedure

Round1 : Online coding test was conducted which was comparatively easy to other online test. Java was the preferred language for the test.
Round2 : Technical Interview which was mainly focused on DSA and Projects on resume.
Round3: HR interview was pretty straightforward, your preference on the role is asked and basic personal information.

Overall they are fine if you are little behin on skills , they consider your collefe performance over your college life .

Important Topics and Subtopics to Remember

DSA and JAVA

Sources of Preparation

DSA from GFG and interviewbit and JAVA from GFG

Additional comments

FICO

Bangalore

IT

SDE

Compensation Offered (CTC) : 12.5 LPA

B.E. Electrical & Instrumentation

CGPA: 6.24

Recruitment Procedure

Technical Interview 1 :

In this round they were asking about your prior internships experience (PS-2) and the courses/project/work you did related to Software Development. They also discussed in detail your PS project and experience.

Moving on they ask questions from OS, Computer Networks and some from other basic concepts of CS. You could request change of a particular topic, if you feel like.

The test was a paper based test prior to first interview and they would have your sheet with them which would be discussed. One long coding question was there in the test, which only was being discussed in interview, not the MCQs (Coding or Aptitude) and neither the HR type Paragraph Question.

After that Coding question, they'd move on to DSA, which would go on till the end of this round. Majorly covering Strings, Arrays, Trees and DP.

Technical Interview 2 :

This round was mostly OOPs based for almost everyone. Starting off with basic verbal questions. They'd give you exemplary questions to set up class-obj structure.

They'd discuss a major part of features of OOPs implied on various examples. They'd go in real life relationship of OOP and take ahead the discussion.

The whole round would include OOPs whether its a short question or a coding question or even some discussion of any of your project, Class diagrams and stuff is what they are looking for.

HR Interview : The first thing would be going through resume. All the obvious questions relating to Resume would be asked.
Every single point of resume could get discussed.

Co curriculur. CGPA. Internships. Any certification/workshop/courses mentioned.
PORs/ Minors/other Points.

Then would be the HR questions like where do you see yourself in 5 years?
Plans for Masters/MBA?

Some candidates had their 4th round as well. I didn't. But in 4th round the head of the recruitment team asked more personal HR question and discusses reviews of first three interviewers.

Important Topics and Subtopics to Remember
OOPs. DSA. (Strings, Array, Trees, DP). Brief concepts of OS/Networks.

Sources of Preparation
Geeksforgeeks. Tutorialspoint. Interviewbit. Hackerrank.

Additional comments
For this particular company, a bit more of OOP is required as one round was completely based on that.

Flipkart

Analytics

ABA

Bengaluru

Compensation Offered (CTC) : 13.4 LPA

B.E. Electrical & Instrumentation

CGPA: 7.17

Recruitment Procedure

Round1: Resume Shortlisting
Resume should convey action and effects. It should tell the story of why you are suitable for the job. Ensure that PS2 and internship content is presented in a suitable way.

Round 2: Group Discussion
Topics were based on Flipkarts area of operations. Read up on company before to get a know how of the company. Try to lead the GD while giving everyone a good chance to speak. Display leadership and team player abilities.

Round 3: Technical Interview
A business case was asked. Practice of business cases will help. Other questions about personality and why joining Flipkart were also asked

Round 4: Director's Round
The team director wants to know what kind of a person you are professionally and personally. A conversation based interview with a lot of questions about interests, GK, goals, personality were asked.

Important Topics and Subtopics to Remember

Case Studies, Guestimates

Sources of Preparation

Case Studies: Case Interview Cracked
Guestimates: Geeks for Geeks

Additional comments

Flipkart

Consulting
Associate business analyst

Bangalore

Compensation Offered (CTC) : 13.4 LPA

B.E. Electrical & Electronics

CGPA: 7.7

Recruitment Procedure

Round 1: Resume shortlisting (based on CG, prior internship experience, work done in PS, extra curriculars)
Round 2: GD - topic was about number of digital payments in India (focus should be on letting everyone speak, make limited and relevant points that stand out in a structured manner)
Round 3 : Case round (simple market entry case along with basic questions on resume)
Round 4: Stress interview on work done at Swiggy, and the future landscape of food delivery industry, behavioural questions like "why Flipkart".

Important Topics and Subtopics to Remember

Brush up frameworks for case studies and do ample practice cases, be very strong on every point mentioned in your resume, do your homework on the company.

Sources of Preparation

Case interviews cracked, latest news on Flipkart

Additional comments

Flipkart

Analytics

ABA

Bengaluru

Compensation Offered (CTC) : 13.4 LPA

B.E. Electrical & Instrumentation

CGPA: 7.17

Recruitment Procedure

Round1: Resume Shortlisting
Resume should convey action and effects. It should tell the story of why you are suitable for the job. Ensure that PS2 and internship content is presented in a suitable way.

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Important Topics and Subtopics to Remember

Case Studies, Guestimates

Sources of Preparation

Case Studies: Case Interview Cracked
Guestimates: Geeks for Geeks

Additional comments

Fractal Analytics

Analytics
Imagineer

Mumbai

Compensation Offered (CTC) : 10.5 LPA

B.E. Computer Science

CGPA: 6.66

Recruitment Procedure

Round 1: Aptitude Test
The test consisted of questions from mathematical aptitude, general mathematics and SQL.
Round 2: Guesstimate Interview
General questions about myself, about my past work experience were asked before giving a guesstimate to solve.
Round 3: Technically Interview
Technically questions about my previous internships and projects were asked.
Round 4: HR Interview
Questions about myself, my CV, about the company and hypothetical scenarios were asked.

Important Topics and Subtopics to Remember

DBMS, ML, Data Mining

Sources of Preparation

Geeks for geeks, Coursera

Additional comments

Having good people relations is always a plus

Fractal Analytics

Mumbai

Analytics

Compensation Offered (CTC) : 10.5 LPA

Data Engineer

B.E. Mechanical

CGPA: 8.9

Recruitment Procedure

PPT:
 This session involved a couple of guys coming from the company and talking about what the company is, what are the products offered by the company, the growth timeline since it's inception, the roles they are offering, what they expect you to already know, their training program and finally the additional perks offered by the company which are not part of CTC.
 Attending and paying attention in this round can save you a lot of research down the line when you are preparing for the interviews.

 Online Test: (Online proctored through webcam)
 The online test consisted of two sections -

 section 1 - Aptitude test (75 minutes). The test had 70 questions total and time limit allotted was 75 minutes. There were 4 sections in the test - Data Analysis, Reasoning Ability, Quantitative Ability and Verbal Ability. The level of questions was very easy. Focus on speed of solving questions.

 section 2 - Coding Proficiency Test (90 minutes). This was a small test with 4 questions from Python and 4 questions from SQL. Time limit of 90 minutes. The codes submitted are checked against predefined test cases.

 Interview Process

 Round 1 : Technical Interview (about 20 - 25 minutes).
 Conducted by team managers. Questions on technical part of the CV such as
 what was the work you did in the internship period,
 describing projects and their practical applications,
 Questions on topics mentioned in the technical proficiency section
 (For example : if you write SQL then you might be asked what is the difference between Primary key and Foreign key),
 Questions about the role you are applying for
 (For Example : what do you understand by the term data engineer)
 and maybe a small guesstimate / case study
 (For Example : estimate the amount of mobile phone technology penetration in India)

 Round 2 : HR Interview (about 15 - 20 minutes).
 Round designed to check cultural fit. Mostly a light conversation with the interviewer. Interviewer expects

the interviewee to ask questions and actively contribute to the conversation. Just answering questions from CV is not enough, try to lead/steer the interview to your topic of interest. Some of the questions asked in this round are :
Why did you not choose Mechanical Engineering/Core jobs, Why Fractal,
How was the experience with xyz firm in the internship,
What is the most important thing you have learned during the internship,
What are your plans regarding Higher Studies,
List one weakness and what you are doing to overcome it.

Important Topics and Subtopics to Remember

Basic Aptitude Question Topics (Probability, Mixtures, Ratios, Time, Work, Profit and Loss, Clock and Cube based questions)
Arrangement type questions (circular or straight line)
Verbal Ability (questions based on synonyms, central idea of paragraph, choosing grammatically correct sentences)

Python: Practice concepts like defining functions using def/lambda, loops, flow control, Creating/altering dictionaries and lists, string functions and formatting.

SQL (Basic commands like CREATE, ALTER, DROP, TRUNCATE, INSERT, DELETE, SELECT, FROM, WHERE, JOIN, GROUP BY, ORDER BY and HAVING)

Sources of Preparation

Aptitude : attending the workshop arranged by the PU is very helpful. The online shiksha web portal arranged by PU also has several mock aptitude tests which can be taken to improve speed and time management.
I also solved the handouts given during the workshop for additional practice.

Case Study : Case Interviews Cracked, Day 1.0. Practice cases daily from the book 'Day 1.0' in groups of 3-5 with one person as the interviewer and others as candidates.
Also take a look at the HR interview section to get an idea of how to make a good and effective conversation. It contains common questions that you can ask the interviewer so as to depict interest in the role / prevent the interview from getting over quickly.

Python : I practiced python on codecademy (free for 7 days) and referred the book "Automate the boring stuff with python". I also had lots of hands on practice during my internship period in PS2.

SQL : practiced writing queries on codecademy. Learnt concepts on w3schools. In depth theoretical knowledge of concepts is not expected. Be familiar with Basic commands like CREATE, SELECT, FROM, WHERE, GROUPBY, DELETE, DROP, JOIN, HAVING and ORDER BY.

Additional comments

The role at first appears to be suited only for those who have experience with using tech like Python and SQL. This however is not true since they do not expect you to have any knowledge of programming

concepts beforehand. Even if you have not solved a single question from the coding section in the online test you can still be shortlisted for the technical interview on basis of your aptitude scores alone. Solving the coding questions just provides an extra boost or acts as a buffer if your aptitude score is not good enough.

 The interviews will involve a lot of questions directly related to the stuff written on your CV. Always put information that you can justify. Don't put skills/certifications just to make your profile stand out a bit, be prepared to be grilled on any of the topics mentioned by you.
 To prepare well for the interview sign up for the mock interviews conducted by the PU.

 Do not neglect preparation for the HR interview. Write down and prepare answers to some of the common questions like What are your Strengths, Weaknesses, High points in life, low points in life, Why not core jobs, Justify your cgpa, where do you see yourself in 5 years, what are your expectations from this role, what are your pkans for higher studies, etc.
 You can also google up 'common interview questions' to look at how such questions are best answered.

 Lastly, you should always try to keep the interview going for as long as possible so that you can show the interviewer all your qualities. Try to not give one line or generic answers for everything. If you can tie in your answers with the practical experience that you have gained from the internships it is seen as a huge plus point.
 You can also try to showcase your interest for the role by asking the interviewer about their experiences in the firm/role, asking the interviewer about things related to the goal, mentioning how the requirements are in line with what you have already done/ are interested in doing.

HSBC

Pune

Data Science
Technology Graduate

Compensation Offered (CTC) : 15 LPA

B.E. Electrical & Electronics

CGPA: 8.4

Recruitment Procedure

Online MCQ test: An online behavioural + reasoning test was given by hsbc. The test involved scenarios about various steps involved in the development cycle of an hsbc app right from ideation to the deployment phase. The questions were related to behavioral choices and data interpretation. The final part of test involved recording a video explaining your ideas about usage of AI in the finance sector. Based on this students were shortlisted for the coding test.

Coding test: The coding test had two question. The questions were not very difficult but needed to be solved within half an hour. So the focus was on speed and accuracy. The questions were different for everyone. Two questions were given from a pool of questions. For me Question 1 was on dp and question 2 involved factorisation tricks. The platform was cocubes and only 5 cases were available for testing. Bruteforce solutions were penalised heavily in the hidden testcases. STL and util was not allowed. On basis of coding test students were further selected for interview.
Question 1: Number of ways to get a given sum X with n dices of m faces each.
Question 2: Given 2 numbers (num, m); find the number closest to num divisible by m; if there are two such numbers, return the largest one.

Pre Placement Talk: Students selected for interview were given a preplacement talk detailing the job description , company history and the interview process. They also said they were looking for candidates with experience in emerging technologies specifically AI, cybersecurity, block chain and cloud.

Interview Process: I had to give 3 rounds. Two technical and one HR.

Round 1(30 min): I introduced myself to the interviewer. He already had a copy of resume and solutions to the coding interview problems. He stated with a discussion of my solutions why I followed that particular approach, their time and space complexities , alternative solutions etc. Next he asked me to explain the 4 pillars of oop along with examples and code stubs for each. Next he asked me to give differences between java and python (since I had mostly worked in those 2 languages) and what applications each of them was better suited for.

Round 2(30 min): I was immediately sent for a second interview after the first one ended. This round focused on my resume and work experience. The interviewer asked me my favourite sub topic in data science after going through my resume. I said I had most exsperience in deep learning through internships and projects. He asked me basic questions on deep learning like structure of a perceptron , perceptron learning rule and difference between deep learning and traditional machine learning. This was followed by a discussion on recommendor systems since I had done my internship in that. Finally he

asked me about random forests since I had done a project on them.

Round 3(15 min) : I was shortlisted for the hr round. He asked me to introduce myself.followed by a discussion on my POR and hobbies.

Important Topics and Subtopics to Remember
DSA, OOP, NNFL, ML
Be thorough with your resume, they tend to grill you a lot on that.

Sources of Preparation
GFG, InterviewBit, Project and internship experience

Additional comments

HSBC

IT

Compensation Offered (CTC) : 15 LPA

SDE

B.E. Electrical & Instrumentation

CGPA: 7.23

Recruitment Procedure

Round 0: This round involved registration on the HSBC website and answering some personality based questions and then some situational questions on a video call. Make sure that your mic is working alright. Its recommended to wear formals during the live video questions.

Round1: DSA round in CC.I was asked to solve 2 questions in 30 minutes. The two questions that I got were a)"the combination sum problem "on interviewbit and b)the comparatively easier "checking if a number is a palindrome". On submitting my solution ,I could see the result in the form of total test cases that my code had passed. I heard that the website had a big time limit so for ex. a recursion based approach was also passing in a question which is usually solved by DP. As long as you complete the two questions (as in all testcases are passed) you are called on the next round.

Round2 - Interview Round :

I was asked to create a stack from queues.Then I was asked the difference between a stack based memory and a heap based memory. Then the interviewer went through my resume and mostly asked me questions based on my projects (which included my PS2 project). Make sure that you are fully aware of every project/skill that you have mentioned in your resume. I was specifically asked about my PS2 work.

Round3 - HR

I was asked about my PS2 experience and some situational based questions like how I would deal with a teammate who is refusing to work.Later I was asked my location preference. The round lasted around 15 minutes.

Important Topics and Subtopics to Remember

DSA(Trees, Backtracking, Dynamic Programming,Graphs), OOP

Sources of Preparation

DSA by interbiewbit and geeks4geeks

Additional comments

A good project not only improves your CV massively but can also shift the tides in your favor.Students especially those coming from PS2 should have something to show

You must be clear about everything that you have mentioned in your CV.

Do participate in the mock coding tests held by the PU and try to have a understanding of DSA (at least uptil DP) by then (mostly the tests start around mid october).

HSBC

IT

TSE (Trainee Software Engineer)

Pune/Hyderabad

Compensation Offered (CTC) : 15 LPA

B.E. Electrical & Instrumentation

CGPA: 7.4

Recruitment Procedure

Round 1: Online Survey: In this round of selection procedure, we were required to fill out few hypothetical case scenarios involving work culture and work ethics. We were also required to upload few small videos explaining a hypothetical situation to put forward our view of a certain situation.

Surprisingly, after the first round only 40 candidates were shortlisted.

Round 2: Coding Round: This round involved a one hour coding test containing 2 easy coding questions from DSA and discrete mathematics. The questions were easy to solve if one has good command over any programming language and basic understanding of concepts. Questions were different for the candidates and were selected randomly from a question bank.

Question1 was a basic bit-manipulation question.
Question2 was a general concept question (sieve of eratosthenes) to find all the prime numbers within a given range of numbers.

Almost all of the 40 candidates did both the questions and hence were proceeded for round 3.

Round 3: Technical Interview: In this round a recruiter from the company personally interviewed each and every candidate. The interview was focused mainly on our Curriculum Vitae. The recruiter also tested our grasp on certain concepts of DSA and basic programming language. The interview was primarily focused on finding how well you can explain any given situation and the approach the candidate takes to solve the given problem.

Round 4: HR round: In this final round of interview, an HR of the company sat individually with each and every one of the prospective candidates and marked our positive and negative points. The interview was generic and involved general discussions about college culture, CGPA, likes, dislikes and area of interest of the candidate. Among all rounds, HR interview was the most fun.

After Round 3 and Round 4, 8 candidates were shortlisted for HSBC TSE profile.

Important Topics and Subtopics to Remember

DSA, basics of any OOP programming language, OOP, basic knowledge of DIscrete Mathematics

Sources of Preparation
Geeks for Geeks, Coding Ninjas, InterviewBit, LeetCode

Additional comments

HSBC

IT
Trainee Software Engineer

Pune or Hyderabad

Compensation Offered (CTC) : 15 LPA

B.E. Electrical & Electronics

CGPA: 8.11

Recruitment Procedure

Round 1: Registration, Online Immersive Assesment and Job Simulation Assessment:
This Process involved registering for the HSBC placement process via their official portal. After registration, there was an online immersive assessment(OIA) where we were presented with various circumstances that we may face during our work at HSBC and were asked to rank our most likely response from the given options. To give an example, I was asked questions from various stages of App development (conception, planning, execution, integration, and market-fit). Shortly after completing the OIA, we got the link for Job Simulation assessment(JSA), this test involved recording video responses for questions, which were similar to the OIA, only this time the responses were timed. We were also given an opportunity to practice before giving the job simulation assessment. The JSA was a first for many of us, who had not experienced recording video answers, so it is recommended to use the practice option as there are no re-tries in the original test. Around 60% of people were filtered in this round itself, so it should be taken very seriously.

Round 2: Online Coding Test: This consisted of two coding questions. The first question was to find a pair of Amicable Numbers, this problem can be found on GFG. The second question involved finding out the prime factorization of a number, then using the prime numbers and their powers(in the prime factorization) to calculate another value, via a simple pre-defined equation.

Round 3: Technical: The discussion started with my introduction and my explanation for applying to the company and a short description reflecting on my resume(CV). I was asked about my projects in Machine Learning and how would I make those projects scalable if need be. The interviewer focused on my projects and electives that were relevant to the role offered which was explained in the pre-placement talk. I felt that explaining the project in detail, left a very good impression, conveying my sincerity towards academics. I was asked two questions from Data Structures and Algorithms. These questions tested my understanding of concepts more than my ability to write code. The two questions were 1) What is Stack Overflow condition? and 2) How to sort an employee data in a CSV file with respect to the 'address pin code' column, where the size of the file is 25GB and RAM available is 4GB?
The answer to the first question was when a process/ program tries to access more memory space than what is available in the call stack, we have stack overflow condition. Where the stack is a buffer that stores requests.
The answer to the second question is Heap Sort, as using the Heap data structure, one does not need to load the whole file into the main memory.

Round 4: HR: This round involved questions from my resume, hobbies, group, and individual projects.

Apart from that It was an interaction where I introduced myself and talked about why I applied to HSBC.

Important Topics and Subtopics to Remember

DSA (Sorting, hashing, array, linked list, graph, tree), DBMS(especially SQL queries), Operating System(process and threads, multithreading, scheduling, synchronization, deadlock) and Object-Oriented Programming(Abstraction, Inheritance, polymorphism, Encapsulation, Virtual Functions, abstract classes, etc).

Sources of Preparation

GeeksForGeeks, Interview Bit.

Additional comments

Your resume is what you give to the interviewer as your record/work, you should prepare for every word you have written in it. A lapse here would leave a bad first impression.

IBM

<div style="text-align:center">

Bangalore

Compensation Offered (CTC) : 16.7 LPA

</div>

IT
Data Scientist

B.E. Electrical & Electronics

CGPA: 7.587

Recruitment Procedure

Round 0: Game based cognitive assessment
It is a psychometric test designed by IBM to assess cognitive ability
For reference - https://prepinsta.com/ibm/cognitive-ability-games/
No preparation is needed for this
Followed by MCQs (not any topic specific) to assess your choices in the work environment. Eg, how would you react in certain situations, how would you help your colleagues, your choices while taking decisions at your workplace.
Almost 70-80% of the candidates were selected. Answer all questions diligently.

Round 1: Since there were about 30-40 students, they decided to go with a GD.
Topic : AI - pros and cons
Around 10 students were shortlisted for the next round

Round 2: Interview
The interview was mostly based on CV. They were asking questions related to your project and work experience, and building case studies out of it.

They were looking to hire for a data scientist/data engineer role. So they were expecting you to have a decent knowledge of the basics of machine learning and deep learning. My projects and work experience involved time series, statistics and machine learning. I was asked questions related to data collection and model evaluation.

You need to be extremely thorough with your CV- especially projects and work experience if they are related to machine learning. Know about the data you used, how you collected it, the features used in the model, at least basic details of the models you've used and evaluation criteria. Also think about what different models could have been used if you had more/less data, more/less features, computational resources, etc. Learning basic definitions and formulas based on the terms you describe in your project and some mathematical specifications about the models used are helpful at the time of interview. You don't want to state confusing/wrong definitions, as they will keep questioning you on it until you realize you have made a mistake.

There was no separate HR round for us that time.

Important Topics and Subtopics to Remember

Machine Learning, basic statistics

Sources of Preparation
ML/NNFL/ProbStats course at BITS, coursera courses on Machine Learning

Additional comments

IBM

PAN India

Data Science

Data Scientist

Compensation Offered (CTC) : 16.7 LPA

B.E. Computer Science

CGPA: 8.2

Recruitment Procedure

Online-test1: Aptitude test which 5 sections. Each catered a different type of puzzle and based on the performance of this round people were shortlisted for the second round of online test.
 Online-test2: Behavioral and cultural fit, you were given questions on various situations and you had to choose whether you agree or disagree with the statements.
 Group-discussion: We were given the topic of whether AI is good or bad for mankind. I spoke twice in the gd and added 2 new points along with supporting the existing points with some information. 7 people were selected after this round for interview.
 Interview: It started from where you are from and they asked if I was clear what the role was and if I had questions regarding it. Since I am from CS background , they asked me what is your favorite data structure and few questions on it like what is the principle stack is based on, how will you access the last element in the stack, where it is used,etc. I started writing code in C++ but they said that can you write it in python .They gave me a hypothetical situation(how will you find a pattern in stack where the stack contains 100 years of data) and asked about my approach to solve the problem. Given a dataset, what is the first thing you do? Then they asked me about my strength and weakness? How would a normal day in your corporate life look like? Where do you see yourself in 5 years? How you accept the role if we offer it to you?
 HR: He asked if I had any questions for him and then did some HR formalities. No interview as such

Important Topics and Subtopics to Remember

DSA, ML, DM

Sources of Preparation

Geekforgeeks, interviewbit

Additional comments

Prepare for HR questions properly.

IBM

Bengaluru

Analytics
Strategic Consultant

Compensation Offered (CTC) : 16.7 LPA

B.E. Electrical & Instrumentation

CGPA: 8

Recruitment Procedure

Round 0: A pre placement talk was organised by the representatives from IBM. The cutoff for sitting for the company was a cg of 7.0 and a circuit branch or CSE. The representatives introduced us to the long standing legacy of IBM and the latest research being conducted there. They also informed us that IBM has continuously been ranked as one of the best companies in the world to work for.

Round 1: This in contrast to many other companies was a test designed to test your quick mathematical and logical thinking. We were given a series of tests which tested quick mathematical thinking like addition and multiplication but the test designed in such a way to see how quickly you could calculate in the face of multiple distractions. There were two sub rounds here.

Round 2: This was a group discussion round where all the candidates selected from the previous round were divided into two groups. We were given two topics to vote for, in order to select the topic of the GD. In my group, the topic selected was AI and its implications for humankind. What helped me in this round was a list of items I prepared mentally encompassing political implications, uses of AI in healthcare and its general technological impact in addition to other things. Be patient and wait for your turn before speaking but also don't be too docile. Challenge the points made by others and present your counter viewpoint if you have any.

Round 3: This was the personal interview round where two senior IBM employees test your work ethos, your personality and what relevant work you have done in your past related to data management. Be honest and confident. Don't try to sugarcoat your achievements because they will catch it.

Overall the company was looking for employees who are quick on their feet, have a dynamic personality and are willing to work hard. They didn't inquire about any specific technology as they believe such skills can be taught after joining too if the employee is a quick learner and a hard worker.

Important Topics and Subtopics to Remember

A brief idea about AI and its branches and their relevance in the world. Since I had previously worked with data management using python and specifically scikit learn, it helped a lot in the interview round.

Sources of Preparation

Udemy course for python in data science by Kirill Eremenko

Indus Insights

Gurgaon

Analytics Associate

Compensation Offered (CTC) : 13.5 LPA

B.E. Electrical & Instrumentation

CGPA: 7.59

Recruitment Procedure

1. Written Test - It has 2 sections, Aptitude, and Guesstimate.
 - Aptitude Section focuses on testing the Problem Solving, Data Interpretation & Critical Reasoning skills. https://www.quiz-maker.com/QMTTANI#R8363429-47d4Fb03 - This was a practice test provided by the firm a couple of years ago, attempt it and gauge the difficulty level of the questions to expect. Questions, in general, were tricky in nature.
 - Written Guesstimate Section - Estimate the weight of popcorn sold by PVR/Inox in Delhi in a month. Time can be a constraint here so make sure to write down your approach as clearly as you can, approach matters more than the answer. While practicing guesstimates, make it a habit to write down and present your solution.
 2. Buddy Session - A brainstorming session by the interviewers to discuss approaches to solve guesstimates and the different frameworks to solve a case.
 3. Interview 1 - Guesstimate Round - Estimate the number of Miles traveled by passengers in a year. 37 students were shortlisted for the interview rounds. The students who performed well in the written guesstimate round were shortlisted directly for the Case Interview Round. Ask preliminary questions and discuss your assumptions and approach with the interviewer.
 4. Interview 2 - Case Study Round. Clients of Indus are in the financial services sector and most of the projects solve digitization, marketing, and risk management problems. Therefore the 2 case studies were in the marketing domain, compare two marketing strategies and suggest the one the firm should go for, and the financial services domain, identify the potential risks when you lend money. Again focus on getting the approach right and ask clarifying questions to understand the problem statement better before jumping to conclusions. Around 20 students were shortlisted for this round.
 5. Interview 3 - Behavioral/HR Round - General HR and Resume based questions to check whether you are a good fit for the company. 5 students got the offer.

 The candidate is scored on their performance in each round and a cumulative score (previous rounds + current round) is computed after each round where if they cross a certain threshold they get shortlisted.

Important Topics and Subtopics to Remember
Read up a bit about the terminologies used in marketing and risk management as they could help you understand the case objectives better.

Sources of Preparation

Guesstimates, Case Studies - Case Interviews Cracked, Day 1.0, Victor Cheng Case Interview Workshop series on Youtube & Case Interview Frameworks.
 Aptitude Test - Workshop organized by PU, tests on Pariksha Portal.

Additional comments

Aptitude practice is very important as you won't get an interview if you don't clear this, don't neglect this.
 Practice cases, guesstimates & HR questions with a group of friends in the interviewer interviewee format. Always build a story as to what got you interested in that domain.
 Research the company well, make sure you understand their product offerings, business model. projects and latest developments, shows your interest to the interviewer.

Indus Insights

Consulting
Associate

Gurgaon

Compensation Offered (CTC) : 13.5 LPA

B.E. Electrical & Electronics

CGPA: 7.33

Recruitment Procedure

Round 1 : Aptitude Test
 Unlike every other company indus conducted a written aptitude round. Most of the questions were LRDI paragraphs, so I'd suggest you have a better grip on how to solve paragraph questions. They have fixed cutoff for the round in terms of marks and not number of students so this I think is good thing. The cut off is pretty manageable as last time we were 90+ who cleared the cutoff. Attached to the round one aptitude paper was a guesstimate question. Similar like the aptitude test they have a fixed cut off for this too, the indus people will tell you the grading criteria and points. This guesstimate will be evaluated as round 2.

 Round 2 : Guesstimate
 Evaluation of the guesstimate asked with aptitude test. The guesstimate asked - what is the weight of popcorn sold by PVR in Delhi. If you crack this guesstimate very efficiently theres a bonus for you, that is you'll be directly going to the case study interview skipping round 3.

 Round 3 : Guesstimate interview
 Fortunately this round didnt happen for me but I guess a general grip on how to solve different guesstimates would be sufficient.

 Round 4 : Case study interview
 The case study was relating which stream of digital marketing should the client consider. It was an easy question if you start off correctly, they will ask you to do little calculation which wont be complex just to check that you are good with numbers. Overall I'd say you know the different case study frameworks and know how to approach different questions that would be more than enough.

 Round 5 : Cultural fit interview
 Sort of a HR interview but the catch was interviewer was not actually a HR but senior at the firm and he was checking whether you would be a good fit for the firm.

Important Topics and Subtopics to Remember
Case studies
 Guesstimates

Sources of Preparation

Victor Cheng's - case in point
Victor Chneg's - YouTube videos
Case interview cracked - IIT B authors
Guesstimates from the internet

Additional comments

It is one of the only companies which will take you on your placement performance, no CV, no POR nothing. So anyone worrying about that can chill atleast in the case of indus. They dont take any wild card entries

Indus Insights

Gurgaon

Consulting Associate

Compensation Offered (CTC) : 13.5 LPA

B.E. Computer Science

CGPA: 7.61

Recruitment Procedure

Round 0: PPT and Aptitude round
PPT was great, they answered a few questions about the company and gave an idea about the interview rounds. They also solved a few guesstimates and case studies with us which no other company did and it was quite helpful. They asked us to read up on some general BFSI field terms as that's their field of consultancy. This was important because one of the concepts in the case study round was based on risk-free rate of return, which you wouldn't know about unless you took DRM as an elective or read up on it. Aptitude round had the usual stuff.

Round 1: Guesstimate round
Personal interview where we were asked to solve a guesstimate. All candidates got the same guesstimate, our phones were taken away so we couldn't tell others. Guesstimate was based on the famous flights problem.

Round 2: Case Study
Video call interview where we solved a case study.

Round 3: HR interview
Generic HR questions-strengths, weaknesses, instances where you've persevered and overcome obstacles or achieved your goal, few CV related questions.

Important Topics and Subtopics to Remember

As it's a non-core interview no CDCs as such are important. Being well versed in my Finance Minor courses helped because it's a BFSI consultancy firm. Being thorough with your CV is important and preparing HR round questions in advance is helpful.

Sources of Preparation

Case Interviews Cracked, online guesstimates etc

Additional comments

I was in the interview process for almost 10 hours on that day and without a phone, which can be tough. Keep yourself hydrated and try to keep small munchies on you to maintain your sugar level, it's important

to keep yourself perked up so you can think on your feet. Another important lesson is that you should engage your interviewer during the case study and guesstimate as if they're an actual client.

Indus Insights

Consulting

Associate/ Consultant

Gurgaon

Compensation Offered (CTC) : 13.5 LPA

B.E. Electrical & Instrumentation

CGPA: 7.35

Recruitment Procedure

Round 1: It was a written test consisting of 3 sections
 Section A: Quantitative aptitude
 Had basic questions on mainly arithmetic concepts like percentages, ratios/proportions/variations and profit and loss. The questions were a little lengthy but doable. The scoring scheme was +1 for a correct answer and -1 for a wrong answer which made it tricky. Should be easily doable with less than a week of practice. This section had a fixed cut-off, which if cleared would lead to them evaluating section B.
 Section B: Data interpretation
 Extremely basic DI questions with line and bar graphs and tables where only very basic calculations were required. Same marking scheme as section A.
 Section C: Guesstimate
 In this section we were asked guesstimate the weight of popcorn sold in PVRs in New Delhi in a month. This was only evaluated for those who cleared sections A and B. The shortlist for the Interview was based on this section.

 Round 2: Guesstimate-2 and/or Case interview
 Based on the grades received in the written guesstimate, we were asked to either directly attempt a case study or another guesstimate. Candidates who performed well in the second guesstimate were then asked to attempt the case study. I qualified directly for the case interview round. I was asked to figure out which advertising strategy was best for an e-commerce site based on the information I was given. This was conducted over Skype for some and on-site for the rest.

 Round 3: HR interview
 After the case round I had a HR type interview where I was asked about the work I did in my PS and some other behavioural questions (strengths, weaknesses etc) to determine whether I was a good fit for the organization. I was verbally told that I was selected at the end of this round.

Important Topics and Subtopics to Remember

Case studies, Guesstimates, basic aptitude

Sources of Preparation

Case Interviews cracked, aptitude material given in college

Infoworks

Bengaluru

IT

Compensation Offered (CTC) : 19.37 LPA

Software Engineer

B.E. Electrical & Electronics

CGPA: 5.94

Recruitment Procedure

Round 0:
 Orientation and Presentation
 Round 1:
 Coding Round
 A question of Graph Traversal was asked. It was simple, but rather lengthy.
 Round 2, 3 and 4:
 Technical Interview Rounds. Questions were based on DSA, mostly focused on Arrays, Trees and Graphs.
In the last round, questions regarding my prior projects, especially the one I did at my PS-2, were
discussed, since it dealt with data transformation and engineering, which is something in their domain.

Important Topics and Subtopics to Remember

DSA, OOP, Data Engineering

Sources of Preparation

Courses, Online Websites, Just google any topic you don't understand

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Additional comments

Infoworks

Bangalore

IT

Compensation Offered (CTC) : 19.37 LPA

SDE

B.E. Mechanical

CGPA: 6.43

Recruitment Procedure

Round 1: Coding round- One graph coding question and few MCQ's covering apti and networking.
 Round 2: Had three rounds of technical interview mostly they asked DSA ranging from graph to dp to array, but they asked OS as well

Important Topics and Subtopics to Remember

DSA, OOP, DBMS, OS

Sources of Preparation

Interviewbit, GFG

Additional comments

IQVIA

Consulting

Compensation Offered (CTC) : 7 LPA

B.E. Electrical & Instrumentation

CGPA: 7.47

Recruitment Procedure

General Aptitude Test

Round 1: Technical Interview
Guesstimate on Sales of a Local Kirana Store

Round 2: Technical Interview
Case Study on Market Entry and Profitability

Important Topics and Subtopics to Remember

Guesstimates & Case Studies

Sources of Preparation

Internet and Victor Cheng on Youtube

Additional comments

Jio

Mumbai/Bengaluru/Hyderabad

IT

Compensation Offered (CTC) : 23 LPA

Software Developer Engineer

B.E. Electrical & Electronics

CGPA: 8.14

Recruitment Procedure

Round 0: Online Coding Round
 The round was of 45 minutes and had 2 questions based on DSA. Everyone was asked different questions. Difficulty of questions may range from basic DSA to DP based. Good preparation of DSA required as time allotted may seem less depending on the difficulty of questions.

 Round 1: Technical Interview
 The interviewer was nice and started by asking to introduce myself, hobbies, my strengths and weaknesses. Then was asked to explain the project in PS2 and some questions were asked based on that.
 Questions were asked from the resume based on the skills and projects mentioned in it. A thorough understanding of the projects done and about the skills mentioned in resume is important. Whatever mentioned on the resume, a complete understanding of it is required.
 Further questions on based on DSA. The DSA questions were similar to the ones practiced for Coding Round. Questions regarding OOP concepts were asked.
 As I had stressed on Mathematics during the interview, the interviewer asked certain puzzle related questions.
 Finally a questions based on graph was asked and then interviewer asked if I had any questions for him.

 Round 2: Technical/HR Interview
 This time it was another interviewer and he started similar as to the earlier interview by introducing myself, strengths and weaknesses. Was asked to explain the projects mentioned in resume and questions regarding other skills mentioned in resume. Then a general discussion was conducted regarding the company, its expansion, how to deal if faced with certain challenges. The usual HR questions were asked. Finally was asked if I had any questions for the interviewer.

Important Topics and Subtopics to Remember
DSA, OOP, Puzzles

Sources of Preparation
InterviewBit, GeeksForGeeks, MyCodeSchool(Youtube)

Jio

IT

SDE

Navi Mumbai

Compensation Offered (CTC) : 23 LPA

B.E. Computer Science

CGPA: 7.3

Recruitment Procedure

Round 1 : Coding (1 hr)
2 DSA Questions were given at a random.

Q1. A well structured question, the final conclusion was to find the non-overlapping sets.
https://www.geeksforgeeks.org/find-non-overlapping-intervals-among-a-given-set-of-intervals/

Q2. DP - Dice throw problem.
https://www.geeksforgeeks.org/dice-throw-dp-30/

Cutoff - solving 1 question fully and 1 partially.
Around 30 applicants were shortlisted for interviews.

PPT :
They talked about the various divisions in Jio, all the new technologies they are working on, the roles they are hiring for and the CTC offered.

Round 2 : Technical Interview (20 mins)

This round focused on core OOP concepts and a few DSA questions.

Q1. Explain all the 4 principles of OOP, give an example of code applying these principles.

Q2. Return the mid point of a linked list. Only one pass was allowed.

Q3. Given two strings, convert one string to another using only add, swap and delete in the most efficient way.

Q4. Detect cycle in a linked list.

Q5. Vertical Order traversal in a binary tree.

He then discussed my CV and asked me to explain all the projects.

Round 3 : Technical Interview (1 hr)

This round was focused on OOP concepts and soft skills.

He asked me situation based questions like
1. what would you do if there was a fight between me and some other employee over an approach for solving a problem.
2. What would you do if there was a bug in an application and there was no proper documentation.
3. Priority based question like what would you do if there were 2 high priority tasks with very less time to complete.

He then asked about my CV and Projects.

He then moved to OOP

Q1. Difference between Abstract and Interface with real life examples.

Q2. More detailed questions on the 4 principles of OOP.

Finally we had a discussion about the advantages and disadvantage of AI.

14 applicants were selected for the next round.

Round 3 - HR round

The questions were focused on my CV. Mainly on my previous internships and what I learnt from those internship.
She Also asked me about the projects I worked on.
Finally she asked me what my plan for the next 4-5 months if I was selected.
Then we discussed on the locations available for the job.

Important Topics and Subtopics to Remember
DSA -
All the data structures, DP, Search, Sort, Greedy algo.

OOP
OS
Computer Networks

Sources of Preparation
GeeksforGeeks
Interview bit
YouTube videos of Ravibabu Ravula
Books -
DSA : Introduction to Algorithms by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein
OOP : Object Oriented Programming in C++

Additional comments

Have a positive attitude during interviews, stay calm and take your time.

Jio

IT

SDE

Navi Mumbai

Compensation Offered (CTC) : 23 LPA

B.E. Electrical & Electronics

CGPA: 6.67

Recruitment Procedure

Round 1: Online on AMCAT platform. There were 2 questions asked. needed to be finished in an hour. Both the wuestions were very basic but were very lengthy as well. Anyone who completed 1 out of 2 were selected for the next round.

Interview Round 1:
Very basic questions. Asked about resume and to introduce my self. Asked basic question regarding trees. One of the traversal without using recursion. Other questions were very basic.

Interview Round 2:
Asked questions regarding matrix very complicated question. Something related to solving matrices using code. Asked about resume and projects.

Important Topics and Subtopics to Remember

Trees

Sources of Preparation

InterviewBit

Additional comments

Navi Mumbai

Compensation Offered (CTC) : 23 LPA

B.E. Computer Science

CGPA: 6.55

Recruitment Procedure

Round 1: Coding Test

2 coding problems, time was 45 minutes

1. (Easy) Given a number print its smallest permutation. The permutation should not begin with 0. Negative numbers were also in input range

Input: 810

Output: 108

Solution: Accept as string, string sort. If first entry is 0 swap with first non zero element. Reverse the sorted string if input number is negative. Complexity nlogn passed all 8/8 test cases.

2. (Medium) Path finding: Given an n*n matrix, each black cell is given by 0 and white is given by 1. Find the shortest path from any element in row 1 to any element in last row. If none exist return -1

110

010

111

Output: 3

Got 8/8 for 1st problem and10/17 for second problem. Time was very less.

Round 2: Technical Interview 1

4 DSA questions, Had to write code for all. I use python so had to write less. If you're a C++ coder ask for permission to write pseudocode otherwise it'll take a lot of time.

1. (Easy) Print a 2D matrix in a spiral manner.

2. (Easy) Given two binary trees find if one is the mirror of the other.

3. (Medium) Checking if a linked list is palindromic in-place.

4. (Easy) Given a value and an array of coins return the minimum number of coins of each denomination that will be required (Example: For 51 and [1,5,10] answer is [1,0,5]

Got all 4 right.

Interviewer was very patient and respectful.

Round 3: Technical Interview 2

Resume walkthrough and extensive questioning on frameworks I had worked on in my thesis.

Differences between RDBMS and NoSQL.

Java questions (Only because I had mentioned Java in my resume)

Difference between an abstract class and an abstract method.

Some React and Django questions (because I had mentioned)

Given a variety of statements, switch, while, do-while, case, break, continue, write a sensible code that uses all of these within 2 minutes. (Just made up something random)

Could have done better in this interview.
Be very prepared with everything written on your resume. Do not write anything you are not sure about.

Round 4: HR Interview
You had such a great thesis why would you want to join Jio and not continue there. (Please prepare this answer before for PS/TS)
What do you know about Jio and its journey. (Checked if I paid attention in the morning presentation)
Why are your grades so low? (5,6 pointers prepare this)
Any questions for us(Jio)? I asked which office I'll be given, when is the earliest we can join, etc, etc.
What was the last hackathon you attended? followed by why don't you attend hackathons.

Important Topics and Subtopics to Remember
Linked List, Dynamic Programming, Trees, BFS, Basic DBMS, OOP

Sources of Preparation
Geeks for Geeks, Interviewbit

Additional comments
No interviewer had an intention to grill. Stay calm don't mess up the basics. Even if you get something very difficult wrong, truthfully admit that this is your weak area.

Jio

IT

Software Development Engineer

Mumbai

Compensation Offered (CTC) : 23 LPA

B.E. Electrical & Instrumentation

CGPA: 6.95

Recruitment Procedure

Round 1: Online Test:
 45 minutes online test containing 2 questions on Amcat platform. One question on arrays and one on strings. You could not use stls to solve so you can fall short on time and should manage accordingly.
 Round 2: Technical Interview:
 Started with Tell me about yourself. Then there were a couple of oops concepts questions where I was a little confused. This was followed by many dsa questions on the following topics- string, binary search, linked lists and trees. You had to write the code on the paper and explain your logic. The round took around 1 hour.
 Round 3: Technical + Behavioral Interview:
 Started with Tell me about yourself again. In the start, we had a discussion about my internship (PS-2) and some questions about the company I worked at. Then there were a couple of questions of oops application in real life. It also included other behavioral questions like handling a challenging situation, keeping yourself motivated, conflicts and their resolution and why jio. This interview also took just over an hour.

Important Topics and Subtopics to Remember

DSA and OOPS

Sources of Preparation

Interviewbit and geeks for geeks.

Additional comments

Jio

IT

Sde

Mumbai

Compensation Offered (CTC) : 23 LPA

B.E. Computer Science

CGPA: 7.7

Recruitment Procedure

Round 1: Resume based questions + 2 simple dsa based problems
Round 2: Resume based projects + writing a skeleton class for something like area
Round 3: HR

Important Topics and Subtopics to Remember

DSA and db + http protocol based questions were generally asked along with system design and patterns

Sources of Preparation

geeksforgeeks + leetcode

Additional comments

Be at ease while answering questions, display confidence and self assurance in answers you are confident about and ask them to reiterate if you don't understand something. The interview panel is generally very polite and helpful.

Jio

Mumbai/Bangalore/Hyderabad (Based on Company's discretion)

IT   Compensation Offered (CTC) : 23 LPA

Software Development Engineer

B.E. Electrical & Electronics   CGPA: 7.9

Recruitment Procedure

Round 1: Online Coding Test
 There were 2 questions to be done within 30 minutes. The questions were different for everybody. For me, one of them was based on String in which you had to do some manipulations and then sort it lexicographic ally. The other question was based on simple tree traversal logic.
 Round 2: Technical Interview
 It started with questions on my resume essentially the PS2 project. Then two DP problems, one of them was similar to the standard 'Edit Distance' problem and the other one was a manipulation of the standard 'rod cutting' problem. Then he asked me a question on binary tree in which he also asked me to code the entire implementation of a binary tree.
 Round 3:Technical Interview
 It again started with questions on my PS2 project. Then he started asking me about OOP. And then two more coding questions, one on DP while the other one on bit manipulation.
 Round 4:HR Interview
 This was a standard HR round with question on strengths, weaknesses etc.

Important Topics and Subtopics to Remember

Data Structures and Algorithms, OOP

Sources of Preparation

GeeksforGeeks,InterviewBit

Additional comments

Jio

IT

SDE

Compensation Offered (CTC) : 23 LPA

B.E. Computer Science

CGPA: 6.59

Recruitment Procedure

Coding round: Had two questions on DSA, asked to solve in front of webcam with a time of 1 hr. Varying difficulty level of questions for different students.

Interview

Round 1: Technical Interview
Asked general DSA questions on heaps and sorting algorithms. Gave plenty of time to answer and was asked to think out loud. They discussed your ideas and tried to understand your thought process.

Round 2: Managerial Interview
Taken by people with high up positions in the company.
Asked questions about OOP and how you can keep up with the ever changing technologies in the field. Discussed a few of the company ventures.

Round 3: HR
Only taken for 5/14 people due to time constraints, I was not one of them.

Important Topics and Subtopics to Remember

DSA, DAA, OOP

Sources of Preparation

Gfg, interviewbit

Additional comments

KPMG

Consulting
Global Business Services - Analyst

PAN India

Compensation Offered (CTC) : 7.19 LPA

B.E. Computer Science

CGPA: 8.37

Recruitment Procedure

1.) Online Test:
 The test contained questions of the following types:
 • Psychometric/ Situation based
 • Quant
 • Verbal
 It was an easy test. First 90 questions were psychometric and the rest were from Quant and Verbal, but were mixed and not divided into sections. There was no negative marking. However, going back to a previous question was not allowed. So, the time allotted was more than enough.

 2.) Technical Interview I:
 Case Interview: This was a basic case interview/ guesstimate round. The cases are not the typical profitability/market entry cases. Try and solve a few unconventional cases for practice.
 Behavioral Questions: Tell me about yourself/ Walk me through your resume. Why KPMG? Why consulting? Strengths and weaknesses.

 3.) Technical Interview II:
 Very similar to the first round

 4.) Partner Round:
 This round is conducted by one of the partners at the firm. This round is to figure out if you are a GOOD FIT for the company. Be very thorough with your resume and prepare basic HR questions well. You need to be able to convince the recruiter why you wish to join that particular organization and not work in some other sector.

Important Topics and Subtopics to Remember

Be very thorough with your resume.

Sources of Preparation

Case Interview cracked, Day One, Victor Cheng videos.

Additional comments

Practice as many cases/ guesstimates with your friends as possible before the interview. Start atleast 1 month before the interview, so that the solution comes to you naturally.

KPMG

Consulting
Analyst (CFO Advisory)

Mumbai

Compensation Offered (CTC) : 7.19 LPA

B.E. Computer Science

CGPA: 7

Recruitment Procedure
Online Test:

A shortlist was made based on the scores of this test. The test was not difficult, we were allowed to take it in our rooms. It is mainly a psychometric test with a few aptitude questions. Ample time was given to complete the given test.

Round 1: Interview 1 - Guesstimate

I was initially asked to guesstimate the number of digital transactions done on mobile apps in India in a single day. After breaking the problem down to a large extent, I was asked to only focus on the transactions made on food delivery apps. I made sure to ask any relevant questions and also stated my assumptions and checked with the interviewer if they were fair ones.

Round 2: Interview 2 - Case Study

I was asked questions on my resume and about my self. The case study was about a government plan for building washroom facilities in villages. The interviewer asked me to estimate how many should be built in a village with a certain population. I was also asked to analyse my given solution.

Important Topics and Subtopics to Remember
Have a general idea of some basic statistics that are relevant to guesstimates in general, like the population of India, the city you are from, and Goa.

Sources of Preparation
Practice all cases from Case Interviews Cracked and do puzzles from GeeksforGeeks

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Additional comments
Practice as many guesstimates and cases as you can with other people who are also preparing, this helped me understand other alternative thought processes even when I was only observing the cases. Solving cases on your own by simply reading them is not going to help you as much as doing it with

another person will. Create your own guesstimates if you want to and mentally solve them just so you can get a better flow of how to think, anything and everything can be guesstimated.

MathWorks

Bangalore

IT

Compensation Offered (CTC) : 16.5 LPA

EDG Associate Engineer

B.E. Electrical & Electronics   CGPA: 7.1

Recruitment Procedure

Round 1: Online Test
 The Online test consisted of many MCQs divided into following segments - C, Java, OOP, DBMS, Aptitude and a bonus Python section. Also, the test had 2 Programming questions which were to be coded in 2 different languages (I used C and C++).

 Round 2: Technical Interview (50 minutes)
 This was an online interview from the Mathworks Bangalore office. There was a common HackerRank platform on the screen for the interviewer to post Questions and for students to edit or write a pseudo code.
 At the beginning I was asked about my Projects and a few follow up questions based on them. After I explained my projects, he asked me to choose 2 programming languages. I chose C and C++. Then I was asked many questions on C , C++ and OOP. Some questions were asked orally and for the others the interviewer gave some snippets of code and asked me to either judge the output or to make some changes in the existing code or in some cases write the program from scratch.
 This was followed by some coding questions
 1) Euclidean GCD
 2) K reverse linked list (Interviewbit)
 3) Basic Tree search question
 4) Count ways to reach the n'th stair (DP)

 Round 3: Managerial HR round (45 mins)
 In this round I was asked some questions based on real life situations, for eg. What will you do if you disagree with your boss ? :P I answered all the questions as diplomatically as I could. He asked me about my location preference and the reason for my answer. Next he asked me about my understanding on what MathWorks EDG is. (attend PPT !). Finally he asked me to rate myself on C and C++ (my chosen languages). I rated myself 3/5 in C and 4/5 in C++. So, to judge my C++ knowledge he asked me to write a code for the following question-
 Q) Given an integer n, print all the numbers from 1 ttill n and -1 till -n without using a loop or semi colon in the print statement.
 Crack: use recursion for avoiding loop, and insert print statement inside the if statement for avoiding the need of a semi colon.
 After I scribbled the pseudo code, I was asked why I wanted to join MathWorks.

 Round 4: HR Round (30 mins)
 Typical HR round. Questions on hobbies, parents, strengths, weaknesses. Try to make it as fun as

possible.

Important Topics and Subtopics to Remember

Practice DSA from interviewbit and GFG
 Go through frequently asked interview questions on C, C++, OOP, DSA from GFG.
 Be thorough with your projects. Almost all the tech interviews start with the questions on your projects.

Sources of Preparation

The course track provided by PU is really helpful. Try to attend online coding tests conducted by PU.
 Interviewbit
 GeeksforGeeks

Additional comments

Thanks PU !

McKinsey & Co.

N/A

Consulting

Compensation Offered (CTC) : 17 LPA

Business Analyst

B.E. Computer Science

CGPA: 9.35

Recruitment Procedure

Every McKinsey round has a case-study & a fit(HR) component. There are a minimum of 4 rounds and a maximum of 6 rounds depending on the candidate. All interviews were intended to be given using video call.

Day 1 - Round 1: This was a round with a junior partner. We started by him asking me what I believe are important characteristics for a McKinsey consultant and then by asking me to narrate an incident in my life exemplifying any one of these aspects. The case was quite straightforward and involved solving for the decreasing loan-related profitability of a bank. This round was fairly easy and almost all shortlisted candidates cracked the case. This interview lasted for ~30 minutes.

Day 1 - Round 2: This round was with an Engagement Manager. The round started with a few questions on my resume along with a bit of grilling regarding particular points. The case in this round was regarding market entry/strategy for a hotel operating in a business district. The initial question was regarding qualitative factors and then the interviewer took the case in the direction that caught his fancy. We ended up doing a deep-dive analysis about the competitive landscape of the hotel and things that could be done to increase its customer base. This case was very challenging as the interviewer was literally building up the case as we went. There was also immense pressure in the case due to the time limits introduced by the interviewer. (Eg. Me: Can I have a minute to think of a solution to this aspect of the problem?; Interviewer:Sure, I'll give you 20 seconds and I want to hear 3 solution approaches). This was the most enjoyable and most challenging round for me. This interview lasted for ~30 minutes and was very grilling.

Day 2 - Round 1: This round was with a partner. He asked me why I wanted to work at McKinsey and asked me to expand upon situations where teamwork was involved. After this, we did a case. This case was not strategy heavy but involved very fast number-crunching [Was given a 3 by 3 matrix and asked evaluate a bunch of possibilities and choose the best one]. This was regarding the strategy for a paints company. This round was my shortest and took ~15 minutes.

Day 2- Round 2: This round was also with a partner. I was asked to choose and speak about 3 of my most important achievements. After this, there were 2 cases in this round. One involved falling profits at a stock brokerage firm and the other was about employee churn in an IT company. These were challenging cases as no frameworks were useful here and the cases required a complete first-principles approach. This interview had a lot of disruptions due to electricity cuts in our college and hence half of the interview was given on workshop stairs on my mobile phone. The lesson here is not to worry if connectivity issues occur, the recruitment process absorbs them without damage to your chances. This interview lasted for ~30 minutes.

Important Topics and Subtopics to Remember

-Basic Math & Logic
 -Some Case Study Frameworks

Sources of Preparation
-Case Interviews Cracked(Thorough)
 -Case Interview Secrets (Brief skimming)
 -Day One(Thorough)
 -Victor Cheng Videos(Skim through)
 -Case Interviews Cracked Youtube (Super useful to get a feel of a real interview)

Additional comments
Don't rely on frameworks too much, they are just tools, instead try to understand the underlying logic behind the framework. More often than not, McKinsey cases won't fit into any of the frameworks, you will need to think creatively and originally. Lastly, a day before the interview, I was speaking with an ex-McKinsey person who now works in finance. He told me - "I think people give too much importance to case studies while preparing. I'll tell you, 70% of your selection depends on whether they believe you'd fit into the firm. Forget the cases, work on that." I think that's among the most sound advice I received about the process. The interviewer will only reccomend you for selection if they believe you would fit in at the firm. Thus, it is very important to understand how the fit interview works and prepare very well for it. Know you resume in and out.

Media.net

Mumbai

Analytics
Sr. Associate

Compensation Offered (CTC) : 11 LPA

B.E. Electrical & Instrumentation

CGPA: 7.97

Recruitment Procedure

Round 1 - Case study (after aptitude test)
Round 2 and 3 - Technical interview
Round 4 - HR

Important Topics and Subtopics to Remember

Product questions, Marketing, KPIs

Sources of Preparation

Just Google it.

Additional comments

Media.net

Mumbai

Digital Marketing

Sr. Associate - Digital Marketing

Compensation Offered (CTC) : 11 LPA

B.E. Electrical & Instrumentation

CGPA: 8.14

Recruitment Procedure

Round 1: Aptitude Test
 A 20 question aptitude test was conducted for the first round of elimination. The test was fairly basic and hence the cut off for round 1 went pretty high. Attending the Placement Aptitude Training session was a clear boon here. Quick tip: Make sure you avoid silly mistakes and are speedy when you practice for this round.

 Round 2: Case Study
 After round 1 about 30-40 of us were shortlisted and were given a case study to solve. The idea was to list down our approach on how we would identify the poker playing target audience on a social platform (majorly Facebook) and if we had to build an ad for targeting their feed, what would the tagline be and to list down what other goods can we sell to the same TG. The approach involved figuring out the size and the demographic of the users and how it was done. It was a very interesting solve and we were given about 36 hours to submit the deck.

 Round 3: Interview 1
 My first interview was taken over skype by their Indian team member who was working out of the Canada office at that time. It involved initial conversation on my experience at my PS2 station (Swiggy), previous involvement in marketing projects and discussion on the poker deck. He was really impressed by my deck and hence things went very smooth there onwards. I was asked a trivial math problem on calculating the number of bricks used to build a pyramid if the base size, height and the brick dimensions were given. The idea was only to check my initial approach and I was stopped midway into the solution. Then came another question on BuzzFeed websites followed by more on contextual advertising and a couple of questions on why marketing and why media.net. Overall, the round was just him testing how interested I was in marketing, the effort put in by me and my approach in solving problems.

 Round 4: Interview 2
 Since the first interview went great and they were short on people who could interview they had me and another person skip the second interview.

 Round 5: HR round
 This round was taken by their Canadian team lead, Greg. The major idea behind this round was for them to test how comfortable we were with their team in Canada. It involved a very interesting two way discussion on hobbies, participation in cultural activities in school and college both, their way of working

and coordination with the Indian team and some general facts about Canada.

Important Topics and Subtopics to Remember

Thorough research on how contextual advertising works and SEO (Search Engine Optimization)

Sources of Preparation

Internet and a conversation with people who have interned at Inmobi

Additional comments

Media.net

IT
Site reliability engineer

Mumbai

Compensation Offered (CTC) : 16 LPA

B.E. Electrical & Electronics

CGPA: 6.1

Recruitment Procedure

Round 1: Quiz

The recruiters took a quiz which had questions based on computer networking and general aptitude assessment.

Round 2: Coding test

In this round, we were given the official documentation for the Python programming language and were asked to create a basic client/server web application using Python's socket programming library. After creating that, we were asked to implement a load-balancing server to share the network load with 2 running servers. This was one of the longest coding rounds I had ever attempted, as it lasted for over 4 hours.

Round 3: Interview

In the interview, the recruiters asked me questions about networking, Linux fundamentals and general questions based on my resume. When I didn't know something, they encouraged me to look it up either online or on Linux's man pages. The interviewers were very chill, and did not put me under too much pressure while asking me questions. The interview lasted for about 90 minutes and the results came out only 2 hours later.

Important Topics and Subtopics to Remember

General aptitude, computer networking, Linux fundamentals and operating systems. Knowledge of general devops concepts such as virtualization and microservices, and knowledge of platforms like AWS would certainly give you the advantage over others.

Sources of Preparation

AWS - https://docs.aws.amazon.com/
Linux - https://www.coursera.org/specializations/oss-development-linux-git

Additional comments

Merilytics

IT consultant

Hyderabad

Compensation Offered (CTC) : 7.6 LPA

B.E. Electrical & Electronics

CGPA: 6.54

Recruitment Procedure

Round 1 : online objective test to be given from the room itself - consisted of general aptitude and logic questions.

Round 2 : online interview - i was asked about the topics mentioned in my resume. The technologies i used in my PS-2 and a few core java/oop questions as i had mentioned Java software development intern. The interview ended with a coding question to which i only had to explain the approach. No written code was asked.

Round 3 : online interview - it was conducted by a senior member of the company. I was asked about the topics in my resume in detail. Basic HR questions were asked. Overall it was a generic CV + HR interview.

Important Topics and Subtopics to Remember

DSA and OOP.
Core knowledge of whichever language you choose to code in.

Sources of Preparation

Geeks for geeks - understanding the concepts.
YouTube videos on DSA topics.
InterviewBit for practice.

Additional comments

Merilytics

IT

Compensation Offered (CTC) : 8 LPA

SD

B.E. Mechanical

CGPA: 6.5

Recruitment Procedure

The cut off was 6.

First round: It was a coding + aptitude round. The test was more focused on aptitude, with some simple questions on SQL and one very simple DSA question. I didn't answer a single SQL question but got selected to second round anyway. (Probably because of my efficiency with DSA question) The company is a finance based company and wanted to expand into developing IT solutions. I think they were looking for candidates with potential and want to learn.

Second round (40min) : This is an interview round. It was a Skype interview. The questions they asked were based on the resume. They roughly classified people into two groups, web-dev and people with database management background. As all the experience I had was with frontend, they only asked me basic questions on frontend developement.

They asked me about frameworks/libraries I used, (I said that I used none, because I don't consider jQuery and bootstrap as none of those...) And basic questions on HTML attributes, CSS layouts(flex Vs grid) , modern JS functions (arrow functions, async-await etc..) all the basic stuff..

Then they moved onto my resume projects... Again, they were looking for candidates with potential and interested in learning. I developed a small frontend web application which automated the work I was doing during my PS-2. No one asked me to do it, I did it in my free hours because I was not finding time to learn DSA with all the time repetitive work from the company (also because I was lazy). I mentioned about it in my resume, and they were impressed.

They asked me whether I know anything about Databases. I said no. Then they asked me "What is Database? ". I laughed assuming it was a joke.(more like I smiled). But, they repeated their question, as they thought my Skype connectivity poor. I just blabbered something while being humble . They are happy that I answered something I guess..

They asked me couple of aptitude questions, I answered one of them without taking much time, but for the second I asked for some hint but was able to answer it. It was fun, I thought that they are just having fun with me at this point because the previous companies that asked me these questions rejected me... Then my second round ended after a half an hour they selected me to third round.

Third round.(20 min): HR+Technical.
I got 95% in 10th, 93% in 12th and 6.5 CG in here, he asked me about my low CG. I answered it by pointing

out to my POR, my lack of interest towards Mechanical and my interest towards Web Development (again my PS-2 project). Also, I for some reason talked about "self exploration" I did during my college time as he's from my home state he understood how I lived under the hood till 12th standard and then why I gave myself some breathing space to figure out my interests in BITS.

He then asked me about the most stressful conditions I worked under... I talked about directing a film from scratch under 24 hours and leading a team of 6 for a competition and also about how I developed my application during free time and how I work relentlessly for something I love.

He then finally asked me a DSA question, Nth Fibonacci number. I was again surprised. I asked him number of times he wants to run the test, he said as many as many times as he wants to (M)... I asked him the range of N... He gave me a range... Based on that I gave an O(N+M), O(N) solution by storing the values in a map. He said he isn't satisfied and that I am wasting space! I was surprised! I then thought he's expecting a solution based on Fibonacci formula with M*O(log(N)), O(1) complexity . I briefly mentioned about the approach but also that I don't know the formula. He again surprised me that I am thinking too much while ignoring a simpler solution... Then I answered the question with simplest method O(M*N) complexity. He said that this is the answer he is looking for... I was kind of holding my laugh because I thought this is the most inefficient solution, but also, I saw that he was happy and don't want to spoil his mood. I was very certain at this point that I would get hired...

At last he gave me time to ask him questions, I asked questions about my job as the JD sounded very cryptic. He just read the JD again. And I nodded as that made everything clear! I now understand that company works on heavy amount of data analysis. It just dawned on me that perhaps his obsession with space efficiency could be because of this..

Important Topics and Subtopics to Remember
DSA, HTML, CSS, JS and DBMS

Sources of Preparation
Interview Bit for DSA, W3Schools for HTML, CSS, JS.

Additional comments
You will get placed if you know how to code. For good companies, you need to know almost everything about everything and for Day-2 onwards, you just need have to pray that luck will knock your door one day. Also, you need to know how not to undersell yourself while being careful about overselling. All the best.

Merilytics

Consulting
Business Analyst

Hyderabad

Compensation Offered (CTC) : 7.6 LPA

B.E. Chemical

CGPA: 7.25

Recruitment Procedure

Round 1: Aptitude Test
General Aptitude, Logical Reasoning, Data Interpretation, and Verbal Reasoning Questions.
Attend Aptitude sessions organized by PU. Solve as many questions as possible from different sites.

Round 2: Resume Shortlisting
Base on the test scored some people were selected, and their resume was collected
CG cutoff was 6, I guess. 9 students were selected.
They were mostly looking for people with prior Analyst experience with excellent analytical and problem Skills.

Round 3: Group Discussion
We had 20 Mins GD on an environmental issue. Everyone cleared it. They were just checking if we can keep our point in front of a group or not.
Tips for GD: Speak Up. Don't wait for anyone else to pause so that you can speak. However, silly, your point might be put it forward. Keep writing things so that you can use them to conclude in the end. Try to set a course of the GD and then start the GD and take it in the same direction. Keep reading the latest news articles.

Round 4: Interview #1
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Question 1:
Tell me about yourself?
It is the question 9/10 interviewer will ask as soon as you get into the room. Please prepare for it before every interview. Keep it, Crisp. Say it with a smile and some confidence. This question puts you on the steering wheel. Tell him about your skills, interest, and what drives you to pursue this field. Refrain from using negative words.
Don't repeat things that are already on your resume or bore the interviewer with your academic achievements. End the answer with how your skills are perfect for the role they are hiring.

Question 2: Tell me what you did in your PS 2? (prepare properly)
Keep your story ready beforehand. Explain your project in layman terms and use analogy if the interviewer is from a different sector.
Tell him about your projects, and your contribution, how you applied your skills, what new things you learned. Tell them instances where you worked in a team, took responsibility, and how you overcame a crisis.

Question 3:Case Study:
It was a Profit-Loss cum Quantitative case study with a small guesstimate in it, and many calculations had to come up with equations for break-even point.
Tips:
- Write Down all the information when the interviewer tells the problem statement.
-Always ask for 45-60 secs after the interviewer gives you the problem statement.
-After 45-60 secs, reiterate the problem statement and also mention your objective once just to be sure. Identify your goal, then fit it to a Case study model(Profit- loss, Market Entry, Product Launch).
-Then tell your Hypothesis or they way you are planning to move forward and ask him if you are in the right direction or not(they are there to help you, s don't hesitate to ask for help)
- Then ask questions and values you need to move forward. And only ask for values and answers you need because they may back question you like
"Why do you need this value?"
-Always have a structured approach.

Question 4: He asked two puzzles. Both were from Geeks for Geeks. Do solve all the puzzles they have on their site.
It wasn't an elimination round either. All nine moved to the next Round.

Round 5: Interview #2
Started with the same Ice Breaker:
Tell me about your self?
Same Stuff.

Question 2: Case Study
This time it was more qualitative. It was a Market Entry case Study. Same Tips as above. Don't panic if you get stuck somewhere, show your enthusiasm to solve it, the interviewer will help.

Question 3: Guesstimate: Calculate the Number of Diabetic patients in India.
Tips
-Practice. Practice. Practice.
-Remember significant Numbers like Population of India and major cities Like Mumbai, Delhi, Bangalore, age-group splits, Urban/rural population Spilt, Income Split, etc.
-Take a minute to decide what structure you are going to follow.
- Tell your interviewer your approach, then start.
-Always break things in a structured way and make approximations wherever required. Do tell the interviewer why you are choosing that value so that he knows how you are thinking.
-Do make good approximations and always come to a sanity check of your final value.
- Never rush and don't get nervous

One more question that is always asked at the end: "Do you have any questions?"
The answer to this question should always be Yes, followed by a question. This is your last chance to show the interviewer that you are genuinely interested in the company.
- Ask questions like:
- "Can you tell me more about the role?" (you can also ask more role-specific questions)
- What is the typical team composition?
- Normal project timeline?

This was the final Round. We didn't have HR rounds for all due to time constraints. 6 out of 9 were selected.

Important Topics and Subtopics to Remember

Case Studies and Guesstimates, Aptitude Questions,Basic Probability, KPIs,PnC

Sources of Preparation

Case In Point, Case Interview Cracked, Geeks for Geeks, Interview BIT. CAT questions for Aptitude, LR and DI.

Additional comments

I have written tips above only, Some additional tips will be
 - Start making your resume from September/ October.
 - Ask seniors for their feedback on it
 - Quantify things. Use percentage.
 - While Mentioning PORs, write what you did differently and what Impact of new steps taken by you.
 - Coursera Certificates matter as long you have applied the skills/learning somewhere.
 - If your CG is low then Compensate it your Skills, PORs, Projects.
 - If you didn't have POR in third year then use Core member xyz dept./club
 - Do your Homework about the company properly and ask questions during the PPT.

Merilytics

IT

SDE

Hyderabad

Compensation Offered (CTC) : 7.6 LPA

B.E. Computer Science

CGPA: 6.45

Recruitment Procedure

Round-1:
 MCQs on AmCat
 Round-2: Technical
 Print pattern of rhombus using * and some basic questions.
 Round-3:Manager
 Basic questions and area of interests

Important Topics and Subtopics to Remember

DSA,DBMS(SQL)

Sources of Preparation

Interviewbit

Additional comments

Practice more coding questions

Merilytics

Consulting
Business Analyst

Hyderabad

Compensation Offered (CTC) : 7.6 LPA

B.E. Mechanical

CGPA: 6.85

Recruitment Procedure

Round 1: Aptitude round
Round 2: First interview
First 5 mins - Introduction
next 15 mins - case study
Was given a problem statement to make an equation for the price of medical device as a function of business metrics like(market share, market size, costs, competitor device price) - data was already given the required data upfront.
Round 3: Second interview
Was asked to optimize the price using the equation from the first round along with some additional data and constraints. Could be easily solved by using differentiation to arrive at a minimum.
Round 4: Third interview
first 10 mins- behavioural question and getting to know me.
next 5 mins- guestimating the market share for a more than average priced diabetic medicine /device in India.

Important Topics and Subtopics to Remember

basic maths

Sources of Preparation

Little bit of Practicing case studies and guesstimates with friends

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Additional comments

General knowledge of the medical/ pharma industry to solve guesstimate and case studies.

Netcracker Technology Solutions (India) Pvt. Ltd.

Hyderabad

IT

Compensation Offered (CTC) : 14 LPA

Associate Software Developer

B.E. Electrical & Instrumentation

CGPA: 6.5

Recruitment Procedure

Round 0: Coding and Aptitude Test:

It had 2 coding questions and around 50 aptitude questions with different time limits on CoCubes platform. The online coding assessment was of 45 minutes duration while the aptitude assessment was of around 30 minutes.

The aptitude assessment required a high analytical ability as well as accuracy.

In the coding assessment, 1st was a dynamic programming question and 2nd was a tree question.

After this, around 15 people were shortlisted based on their scores for the interviews.

Round 1: Situation Based Round:

A client case is given and we have to come up with a pipeline or ways to solve the problem end to end. Judgement was based on problem understanding and the thought process. It wasn't an elimination round but it would govern the interviews. It was more on the lines of a technical case study. We had to design a stock trading system with specific conditions. It was about designing an algorithm with different data structures capable of handling different types of data.

Round 2: Technical Interview:

The interviewers were quite jovial. They asked me to introduce myself. Then they quickly moved on to my submission in situation-based round. There I realised that the submissions were graded on a scale of 10 by both the interviewers. They asked me to explain the whole submission step by step. In the end, they were satisfied by my approach and moved on to my resume.

We had a discussion on my Practice school II project and how did it benefit me in my preparation for placements. Then to check on my basics of OOP and DSA, I was given a linked list problem wherein the condition was to write the optimum code without any hints. The interviewer quizzed me upon various cases.

Next were some OOP fundamentals questions as fillers.

The next question was a recursive algorithm approach which I had practised earlier so I could come up with an optimised solution without any hints from the interviewer. The interviewers seemed satisfied with my approach.

As the interviewer had a background in electronics, he did want to quiz me upon some basic electronics questions (Digital Design). A very basic fundamental knowledge of flip flops did prove handy here. Such situations can stump a student at times.

Overall, this round covered DS concepts and OOP but the situation-based round did have a positive effect from my side on the interviewers which did really set a tone for this interview.

Round 3: HR Round:

The HR round was more of a confirmation round. I had to give in some details and was asked to explain my PS-II experience.
Overall, it was a good experience interviewing for Netcracker as the interviewers were warm and helpful.

Important Topics and Subtopics to Remember
DSA, OOP

Sources of Preparation
Online coding platforms like leetcode and interviewbit for DSA
geeksforgeeks and javatpoint for OOP

Additional comments

Netcracker Technology Solutions (India) Pvt. Ltd.

Hyderabad

IT

Compensation Offered (CTC) : 14 LPA

Associate Software Developer

B.E. Electrical & Instrumentation

CGPA: 6.47

Recruitment Procedure

Round 1: Coding Test
 The test had 4 sections namely Qualitative Analysis, Reasoning, Maths, 2 coding questions (1 easy and 1 medium level question)

 Round 2: Ppt followed by a problem solving test to provide solution of a problem discussed there. Some problem related to priority queues and threading.

 Round 3: Technical Interview:
 1 question related to solving of sudoku puzzle. Some OOP and DSA questions. Conecutual questions on static variable and static functions. Questions on project in Practice School.

 Round 4: HR interview
 Kind of formality not much was asked in the interview. Question on family background etc.

Important Topics and Subtopics to Remember

DSA, OOP basics, Basics of OS

Sources of Preparation

Followed the pdf provided by PU
 Interview Bit
 geeks for geeks

Additional comments

Netcracker Technology Solutions (India) Pvt. Ltd.

Hyderabad

IT   Compensation Offered (CTC) : 14 LPA

Software Developer, Associate

B.E. Electrical & Instrumentation   CGPA: 8.77

Recruitment Procedure

Round 0: Coding + Aptitude Test
 The test had two main sections-
 1. Aptitude
 It was a standard aptitude test with CAT type questions. 20 questions each in Quant and verbal sections were asked. To prepare for this, the aptitude training offered by PU should be sufficient
 2. Coding
 2 questions were asked in this section. 1st was an easy one. It required us to return only odd digits of the number. For example: Sample input – 35987, Sample output – 397; Sample input – 35, Sample output – 3. 2nd question was based on binary trees and was of easy to medium level.
 ~10 students were shortlisted on the basis of score.

 Round 1: Software designing
 The company visited campus for a single day. Once they covered what the company did in PPT, we were asked with a question.
 They told us that they want to develop a stock trading platform. We were given with the criteria the software needed to work on. For example, which orders should be given priority, what should be done when there is a conflict of order, etc. We were given around 20-30 minutes to write the Algorithm / Pseudo Code / Approach we would be taking to build the software.
 Probably everyone was called for interview after this round.

 Round 2: Technical Interview
 There were 3 persons taking this round. They started with the answer I had written in 1st round and asked me some questions on that. I had focused more on the approach rather than code and they asked me why I had not wrote the code. I explained that time was a constraint and it was important to have the structure of the system first and then proceed towards writing code.
 Then they asked me about my career plans as I had no previous experience in IT. I did my PS2 at JP Morgan as a Financial Analyst intern. I told them about my experience there and explained them why I wanted to have a tech role rather than a finance role.
 Then they asked me a few fundamental concepts of computer science. Few of them were - what is the difference between final, static and constant variable, how do recursion works, etc.
  Then they asked me about errors. I was given a condition and was asked if it would give error and if yes, would it be run-time, compile time, etc. I was then asked with a coding question on Anagram string which

I solved using Maps. Edge cases were discussed and I wrote the complete code on paper.

Clearing the technical round does not meant that you have been shortlisted. There were cases when people were not offered after the HR round.

Round 3: HR
It was a standard HR round with questions on family background, etc. She told me more about the compensation and benefits. She asked me why I don't want to pursue Masters or why I don't want to join Finance.

Overall it was a smooth process and the interviewers were always helping to get the job done if we got stuck. They were very senior persons but were very frank with students.

Important Topics and Subtopics to Remember
DSA, OOP, Aptitude, Verbal Reasoning

Sources of Preparation
GeeksForGeeks, InterviewBit, LeetCode, PU training for aptitude

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Additional comments
Apart from technical skills, the company tested us on how we think if we build a software from scratch. It is a bit important to understand the software requirements and then approaching the problems.

Ola Electric

Bangalore

Embedded
Network and Embedded Software Engineer

Compensation Offered (CTC) : 10 LPA

B.E. Electrical & Electronics

CGPA: 7.67

Recruitment Procedure

Resume Shortlisting + Technical Interview + HR Interview

Important Topics and Subtopics to Remember

Digital Design, Microprocessors and Interfacing, Networked Embedded Applications

Sources of Preparation

Course Material + online

Additional comments

Know the company you are interviewing for. The annual turnover, how they generate profit, new products, services they have introduced in the recent past. Have answers to general interview questions prepared in advance.

OnePlus

IT
Compensation Offered (CTC) : 7.5 LPA
SOFTWARE TESTING ENGINEER

M.E. Design
CGPA: 7.95

Recruitment Procedure
ROUND 1:Written test
 written test involved 3 section
 1)basic aptitude(mainly involved bar graphs question and some analytical type questions)
 2)english(every thing was comprehension based questions)
 3)reasoning
 ROUND2:
 It was a pychometric test in which your aims and ambition to excel was accessed.
 ROUND3:
 It was a bit mix round where questions were technical,aptitude and reasoning .technical questions were related to simple coding output,questions related to 5G networks as one plus is working for 5g testing.
 Round4:
 technical interview revolve around the resume and the projects we have done. Interviewer is asking what is the innovative in our project how we can relate our project to software testing. I gave example of charpy impact test and izod test analogues to mobile testing.Then he asked me questions on python language which i answered well.
 Round5:
 Interview with the vice president sir, he asked me about what cahnged u can do related to software in order to make oneplus phones much faster.then asked me about the college and courses that i have done online.finally he ended with some unique features of one plus mobile that i like.
 Round 6:
 HR round .hr of the company gave me situation that if we want to launch our mobile tommorow and today we got the bugs in software what will i do as a testing manager.
 then he asked about the ethics and policy of the company that was discussed in ppt.
 my offer was given by hr sir then and there.

Important Topics and Subtopics to Remember
coding(python)
 features of one plus phone
 basics of alpha and beta testing

Sources of Preparation

google collab for python practice
 one plus site for their features.
 completely going going through each and every word given in job description.

Additional comments

know strength and weakness well before interview.
 get in depth of on what technology company works

Oracle OFSS

Bangalore

IT

Compensation Offered (CTC) : 9.5 LPA

Application developer

M.E. Computer Science

CGPA: 7.1

Recruitment Procedure

3 rounds,
Round 1: Coding ques 1, Given a parking lot which is uneven in size, Write code to park the cars. People want to park near the entry of parking.
Coding ques 2, Job scheduling and its variations
Coding ques 3, tree traversals and word completion problem
Round 2: Managerial, general stuff about projects.
Round 3: Similar to 2, general questions, asked me about interests and stuff.

Important Topics and Subtopics to Remember

Data structures, Algorithms, OS

Sources of Preparation

Leetcode, Interviewbit, GFG

Additional comments

Interviews are all about luck. If its your day, you'll crack it.

Oracle

IT

Applications Engineer

Hyderabad

Compensation Offered (CTC) : 22 LPA

B.E. Computer Science

CGPA: 8.11

Recruitment Procedure

Oracle has two eligibility criteria:
1) CGPA above 7.
2) Branch should be CS, EEE, ENI or ECE.

Round 1: Online MCQ test in CC
It is a MCQ test with time duration of 2 hours. The test was divided into sections which included topics like Verbal and Logical Reasoning, Aptitude and questions on basic concepts of core CS subjects like DSA, DBMS, OOP, OS, Computer Networks etc. In DSA, special importance was given to Trees with questions related to BST, Binary trees, AVL trees being asked. The main challenge of this round was time management as there were lots of questions. The difficulty level of the questions was moderate.

After this round, 24 students were shortlisted for Applications Engineer profile and 28 for MTS profile. This was followed by 4 interview rounds which acted like elimination rounds.

Round 2: Technical Interview
In this round, I was first asked to tell the interviewer about myself. I used this opportunity to speak about my internships. Then I was asked about the languages in which I am most comfortable to code(for me it was C++ and java). This was followed by questions like what are the major differences between these languages, what are the similarities and more such questions. After this I was asked a few basic coding questions and was asked to write the code on paper. At the end I was asked what I know about Oracle.

Round 3: Technical Interview
This was more of a discussion round, the first question was an engineer has created an interface which queries a database and gives an output in the form of table. There are some errors in the output. I am given the correct output and I have to compare the engineer's output and the correct output and print the mistakes. Obviously, the answer was not String comparison. Next I was asked to list all the sorting algorithms I have heard of and then was asked to write merge or heap sort (not sure which one) on paper. This time was used by the interviewer to go through my resume. Next I was asked how does Google search rank the results of a query (there is no correct answer for this), the interviewer wanted to know my thought process and it was a to and fro discussion. This was asked to me most probably because I had done Information Retrieval as a Del and a related project.

Round 4: Manager Round
Initially I was asked about my internships. This was followed by questions like why not higher education, what is my weakness and whether I would be willing to relocate to Hyderabad. Then he asked me how

does spell check work in MS word and was asked to write the code on paper. I didn't get this completely right but I realised the mistake and pointed it out myself. After this I was asked about all the major concepts from DBMS, OS and OOP. Then he asked me about my projects. At the end, I was asked if I had any questions about the job profile or Oracle in general.

Round 5: HR Round
This round started with the HR telling me about himself and about Oracle. Then I was asked to tell him about myself and my family. This was followed by questions on my POR and what did I learn from that responsibility. Next was a weakness which I overcame in my BITS life and then how was the BITS life in general. After this he told me that Oracle would like to offer me the job and whether I would like to join Oracle which I gladly accepted.

They had maintained a paper in which interviewer after the end of each round would update about all the questions asked and my performance in them. They also maintained the sheets in which I wrote the code or any other answers. This was referred by the next interviewer at the start of each round.

At the end, they offered jobs to 3 students in the Applications Engineer profile and to 6 students in MST profile.

Important Topics and Subtopics to Remember
Be thorough with all the concepts from core CS subjects like DSA, OOP, DBMS, OS and a bit of Computer Networks. Try to memorize the examples wherever possible as it is the best way to explain a concept to anyone.

Sources of Preparation
You can practise DSA questions from Interview bit, leet code. For more practice you can also try questions from Codechef or Codeforces but the coding questions are not that difficult. For other subjects and language specific questions I referred, slides, geeks for geeks and w3school.

Additional comments
I would suggest that if you have any doubt then freely ask the interviewer. Even if you don't know the answer to a question or are stuck somewhere, let the interviewer know and they would surely help you or provide a hint. If you are not able to answer a particular question then let them know the thought process, that way they would atleast know your approach.

Oracle

Bangalore

IT
Applications Engineer

Compensation Offered (CTC) : 22 LPA

B.E. Electrical & Electronics

CGPA: 7.97

Recruitment Procedure

Round 1: Coding test
This test was different from tests by other companies in the sense that we did not have to code anything but had to answer about 120 questions in MCQ format. The questions ranged from "what will this code output?" type questions to the questions on the code of some non-trivial data structure. Easy questions like the complexity of merge sort were also present.
On the basis of this test they segregated students into 2 roles: Applications Engineer and Member of Technical staff.

Interview #1
I was asked 4 questions on DSA, 1 puzzle and 1 SQL question. Out of the four DSA questions 2 were pretty easy. The other two questions were on Dijkstra's algorithm for Single source shortest path and on string matching. The questions weren't "twisted" in any way and framed directly. For substring matching, I told him about Rabin Karp and KMP approaches. I was asked to code up all the algorithms.
Next I was asked to solve the classic, cross the bridge puzzle:
https://www.interviewbit.com/problems/cross-the-bridge/
The last question was on SQL, the answer of which required the use of GROUP BY.

Interview #2
This interview concentrated solely on my projects in my PS 2. Since I had finished some interesting projects in my PS2 (combinatorial optimization using genetic algorithms in finance and BERT based approaches for sentiment analysis and text summarization) it helped a lot. As BERT was very new at the time (the paper was released in 2018), the interviewer was not familiar with it and asked me to explain exactly what it was and what my project was about.

Interview #3
This interview was conduced by a very senior person at Oracle and was mixture of coding, discussion of projects and HR interview. I was asked to code up a fairly easy implementation based question using assumptions of my own if anything was unclear. Later we discussed some of my projects with an emphasis again on my PS-2 projects. Then he asked me what type of products I wanted to make if selected in Oracle and what field I was interested in.

HR interview
This interview was pretty chill and the interviewer and I had a good conversation. What I like about my hometown, what I'd like to change etc. Finally he asked me the classic, "tell me a weakness of yours" question. Although I hadn't prepared an answer before the interview, I still managed to answer it

satisfactorily. At the end of the interview, he asked me if there was any question I had for him. I couldn't think of any question to ask to a HR person, so I asked him if Oracle was a fun place to work at. Both of us laughed, he answered affirmatively and the interview concluded.

Important Topics and Subtopics to Remember
DSA, DBMS

Sources of Preparation
DSA: Interviewbit, Leetcode, Codeforces, CP3 etc.
DBMS: Knowledge gate on Youtube.

Additional comments

Oracle

IT

Member of Technical Staff

Compensation Offered (CTC) : 22 LPA

B.E. Computer Science

CGPA: 7.32

Recruitment Procedure

R1: Resume Projects + implementation of linux's tail command
R2: Give access to a user for another user's file. Your own implementation and design of such a feature.
R3: Resume questions
R4: HR

Important Topics and Subtopics to Remember

Operating Systems

Sources of Preparation

Classes, gfg

Additional comments

Oracle

IT

SDE-Server tech.

Compensation Offered (CTC) : 22 LPA

B.E. Computer Science

CGPA: 7.46

Recruitment Procedure

online test: -cs fundamentals comprising of OS, DBMS, OOPs, Networks, DSA.

tech interview 1- DSA, projects from the resume
tech Interview 2- DSA, DBMS, Puzzle
tech Interview 3- DSA, deep into resume

Important Topics and Subtopics to Remember

computer Networks
DBMS
Operating systems
DSA
OOPs

Sources of Preparation

InterviewBit
geeks for geeks
You tube videos

Additional comments

Oracle

IT
MTS ST

Bangalore

Compensation Offered (CTC) : 22 LPA

B.E. Electrical & Instrumentation

CGPA: 7.08

Recruitment Procedure

Round 1: Online Assessment (90 Mins)
 MCQ Round there were around 4 sections(Aptitude, Contextual communication, Data Structures based question, General Computer Science) each of which were further divided into subsections . This is round is very easy to clear. they selected around 55 students after this round.

 Round 2: Technical Interview 1 (45 Mins)
 For Initial 10 mins he asked about my Projects, followed by few questions on Reactjs(As I had mentioned it on my resume), then he asked me 2 puzzles which were for gfg , and for last 20 mins he asked me 2 DSA Questions.
 1: Tree Bottom View
 2: Simple DP Question
 Interviewer was very nice and cool, Initially he asked me one OS question but I told him I from non CS background So he didn't ask any OS question after that.

 Round 3: Technical Interview 2 (60 Mins)
 In starting she asked me system design Question(Design a Content Sharing App like Shareit) She asked me questions about features, UX, Why people will prefer your App instead of Shareit etc.
 Then She asked 2 Questions both based on linked-list, both were easy and I answered them within 10 mins.
 In the end she asked me to design airport baggage belt system using stacks and queues.

 Round 4: Director Interview (30 Mins)
 Mostly Interviewer talked about why are you going for IT when you have Electronics degree, PS2 Projects, College projects, And 1-2 very easy react based questions.

 Round 5: HR Interview (20 Mins)
 Questions were very generic like
 How was your interview experience so far?
 Tell me about yourself, your family background?
 How were my previous internship experiences?
 What do you expect from Oracle?
 Do you have any questions for me?

etc etc

Important Topics and Subtopics to Remember
OOP, OS, DSA(Specially Trees, Linked-list and DP)

Sources of Preparation
LeetCode, Interviewbit and Gfg

Additional comments
Be very prepared with whatever you have mentioned on your resume, If you are not sure just remove it from resume.

Oracle
Bangalore (They ask for your preference and try to fit in)

IT   Compensation Offered (CTC) : 22 LPA

Member of Technical Staff - Server Technology

B.E. Electrical & Electronics   CGPA: 7.23

Recruitment Procedure

Round 0:

A 90 minutes Multiple Choice Question Quiz covering almost everything including DSA, OS, Networking, Logical Reasoning, OOP, DBMS,some English(paragraphs probably), like almost everything is there which you may think of. So there were around four sections with different time limit and different number of questions for each section:

1. Technical (C/C++, Java, DS, Algorithms, OS, DBMS, Networking)
2. Data Interpretation
3. Quantitative Aptitude
4. English & Vocabulary

You can choose any section and start solving it as per the time limit.

In short there were lot of questions with very less time covering wide span of topics.

Opinion: You need to have basic knowledge of everything in order to crack this round, also a MCQ approach to eliminate options skill is much appreciated (worked for me :p). Though there some very deep questions as well, like giving a Bellman Ford Code with some modification and asking the output, and there some very easy questions too so you need to manage time smartly.

Round 1:

So 30 people we shortlisted from the previous round.

Note: Now the order of Rounds were different for different people, like the Round 1 for me might have been Round 3 for someone. So that can be a good and a bad thing at the same time, you should be qualifying each of them to get to the next round.

So for me Round 1, I would call it as my "Technical Round", I was the first one to take the interview so I was completely clueless. He hardly took a look at my resume, and asked me directly what's your contribution to tech(or something like that), so I told him few things of what I did as a hobby (don't brag anything at this point or you are doomed, honestly I tried to exaggerate a little and it didn't turn out well, he asked me very thoroughly about whatever I mentioned). Let's move to the questions in general that he asked me:

1. He asked for my skill and my bad luck the one that I mentioned(Shell Script, DSA, OOP and JAVA) was his expertise probably(shell script). Below is what he asked me, you can skip this because this might me different for everyone:

"There is a file(let's say a text file) which is being updated(new lines were added) by multiple processes simultaneously in real time, so you need to print the last 10 line of that file".

I knew the command in shell script so I told him that, he said yes correct now you need to implement this command as it must have been implemented somewhere, basically he asked me write to the logic of a

linux command that I told him already using any Language, I preferred JAVA.

I was very clear that I don't know this as simple as that, So I decided to ask him more questions and kept asking him a lot of questions related to the question itself and I kinda pretended that "help me man" but he was very reluctant to do that lol.

2. He gave me a question based on sorting(also he asked me to reduce the time complexity amidst I was solving), I almost did it with a very small error so he corrected me on that then asked me which sorting is this, I answered him (later I realized I gave him the wrong answer in nervousness, it was a very lite question though).

3. He again asked me a question on DSA (sorry I don't remember it) which again was a very basic question. So I answered it correctly.

So yeah now at this point I realized I am doomed since I have answered him only one question correctly, the only thing left for me was to tell him some of my work since it was somewhat related to the profile they came for but he was not even looking anything at my resume. Then came the light of hope, he said "if you wanna ask me something to me". I literally ranted out my whole project and said that as "I did this what exactly you guys do?"

Then we were done. I was completely hopeless since I didn't answer everything well. I waited for like 15 min and told the PU coordinator that I'll probably leave(it was 8 in the morning I didn't have breakfast, please don't do this in any of your interviews), he asked me to wait for few minutes then he asked an update from the team and came out then after like 10 min a guy came out and shouted my name for the second round, at this point my confident boosted and I was highly motivated not to ruin it anymore.

Round 2:
He asked me very few question on my resume and then gave me a puzzle, I took quite some time but I solved it (later I discovered that it was a very common puzzle which I wasn't aware of but anyway I solved it). Then he asked me to write a code for the angle between the minute hand and hour hand it was pretty simple (think aloud, however you are approaching it tell him whatever you are thinking, this is what he wanna see by giving a simple code), he helped me as i was getting nervous but I was confident and yeah kept smiling.

Round 3:
As soon as I came out of the 2nd round they directly took me for the 3rd round, there I had a thorough discussion on my Resume followed by a thorough discussion on my projects that I did in my PS-2 and that's all, though this went for quite some time. The person who was interviewing me was probably from the same field as my project was and of course related to the profile they came for. I would say this might have been the strongest thing in my selection since the project were very relatable to them and I was very clear and explained it to her very well(so yeah have a very sound knowledge of the projects that you write).

Round 4:
Again they directly took me to the HR round, I was the second to have a HR round at that point of time so it was a pretty good time and bad as well since I didn't prepare for a HR round, I had the questions in my head but was clueless about the answer. Yeah so he asked me asked the same cliches and I would say that didn't go very well but yeah at this point now I feel the HR round was just a formality.

Important Topics and Subtopics to Remember
DSA, OOP

Sources of Preparation
I mostly used GFG but again it doesn't matter at the end, you must learn it very well no matter where you are learning from. At least have all the basic things clear, for me I had a good command on the top 20 question of every topic in DSA available on GFG.

Additional comments
Be good at some skill other than the courses, for me it was shell script, it can be ML, WebD or whatever interests you anything but not some college course even if it's a course let's say ML so have a sound knowledge about it practically(not just the theory or mathematics) like work something on it(let's say just a face recognition program or something that you should do and learn on your own) but be confident enough about it.

Postman

Bangalore

Compensation Offered (CTC) : 20 LPA

B.E. Electrical & Electronics

CGPA: 7.97

Recruitment Procedure

Round 1: 3 coding questions on hackerearth (one easy, two moderate to hard difficulty), and some MCQ's on CS subjects. Should be fine if you have good knowledge of DSA and few months of practice on interviewbit/leetcode. Practice arrays, strings, hashing, DP, Graphs. (DSA tutorial questions were helpful)
 Round 2: Technical interview - I was asked questions from OOP, Databases, Networks. Make sure you have revised the theory in all these. If you're not from CS background, try to take courses like Communication Networks, OOP, DBMS and DSA as electives. If you cant, spend a few hours everyday reading these from Geeks for Geeks (that's what I did for DBMS) and ask your friends from CS to explain if you are stuck. Practice design problems, especially on how you would design databases for Twitter, normal forms and indexing in databases. Interviewer was very friendly and the round was very enjoyable.
 Round 3: Technical Interview - I was asked more questions on database design (specifically indexing), projects from my resume, internship experiences, etc. Make sure you can explain everything on your resume without ambiguity. I was asked if I could think of better ways to implement my projects, solution was to think in terms of good coding practices. This round was a bit more challenging than the first one, and I was stuck a couple of times. Interviewer was helpful when I asked. You don't necessarily need to get everything right, as long as you approach the problem properly.
 Round 4: Technical Interview - The interviewer had the code I wrote in the coding round, and asked questions about the testcases I failed. Then picked a project from my resume and formed a system design problem around it. More system design questions followed, like design of Uber, etc, followed by more questions on Databases and indexing. This was the most challenging round of all, and the interviewer was testing how I would approach the problems as they were open ended questions.
 Round 5 - I thought it would be HR interview, but turns out they called me to make an offer :)

 General tips - Prepare questions you can ask the interviewers - like what they work on, what technology they use, etc. Try to show interest in what they do and listen, it might be helpful in the next rounds. Don't worry if the problems are hard, and don't give up, discuss your approach with the interviewer, you might get clues. Practice writing code on paper, as well as SQL queries. Prepare for the general questions like strengths, weaknesses etc.
 Also, make sure you understand the theory of data structures and discuss the tradeoffs in different approaches.

 Preparation strategy - I would say 70% effort on DSA and 30% on DBMS, OOP, OS, Networks, System design, but this varies from company to company (DSA is important everywhere)

Important Topics and Subtopics to Remember

DSA, OOP, DBMS, Networks, System Design

Sources of Preparation
Interviewbit, Leetcode, GeeksforGeeks must do problems, Youtube - Success in Tech, Back to Back SWE channels.

Additional comments
Keep in touch with Placement unit, they managed the process very smoothly when I was shortlisted for multiple companies on the same day and were very helpful.

Praj Industries

Pune

Chemical

Compensation Offered (CTC) : 5.5 LPA

PGET

M.E. Chemical

CGPA: 8.4

Recruitment Procedure

Round 1: resume shortlisting and online test followed by round 2: situation test/team test and at last round 3: technical and HR interview

Important Topics and Subtopics to Remember

mentioning all the certificates and achievements in the resume.

Sources of Preparation

reading subject books

Additional comments

Quantiphi

Mumbai/ Bangalore (work from home till further notice)

Analytics

Compensation Offered (CTC) : 8.5 LPA

Business Analyst

B.E. Mechanical

CGPA: 7.3

Recruitment Procedure

Round 1:
 Aptitude Test
 Logical reasoning, probability, data interpretation, verbal reasoning etc

 Round 2:
 Group Discussion
 Climate change related topic. Everyone had to make an introductory statement. Take strong stances and/or refute someone else politely. Try to think of new perspectives that others in the group haven't mentioned. Drive the conversation, don't keep going back to your or someone else's points.

 Round 3:
 Guesstimate/ Case study + HR Round
 Few of us had a combined round of guesstimate and HR instead of these two rounds separately. They asked a few people to write SQL queries if they mentioned it in their résumé. Interviewer asked me to introduce myself. I gave a general introduction and talked about stuff supplementary to my résumé. Then he quizzed me on my CV and past projects. I explained my latest internship (thesis) in simple words and talked about past entrepreneurial attempts.
 Then got a guesstimate to solve - to find the number of plates of momos sold in Delhi today. (Question came about very organically, the interviewer asked which city I'm familiar with and what's the most popular street food there, then made a question out of my responses). Solved using demand side approach, which I explained to him step by step. Then outlined a sanity check using a supply side approach and asked him if I should proceed with the calculation. Didn't needed to.
 Interviewer asked a bit more about my past projects and why I'm changing fields from interdisciplinary biology research to an analyst in an AI company. Had prepared for those questions beforehand. Might be helpful to mention that even if you don't get that job, you'd still be exploring AI / ML opportunities. I backed it up by explaining a potential use case that I was planning to work on in my thesis at IISc. Interviewer said that he just wanted to probe if I knew what I'm getting into.
 He asked how many companies I've appeared for before, and what went wrong in past interviews, about which I was very candid but restricted this discussion to only the analytics companies that I had appeared for.

Important Topics and Subtopics to Remember
Your résumé, case studies, guesstimates, aptitude training

Sources of Preparation

Victor Cheng's consulting videos and book. Practice guesstimates from anywhere you can. PU resources for aptitude training.

Additional comments

The interviewers were young and chill. The process varies from one interviewer to another.

Rapido

Data Science
Jr. Data Scientist

Bangalore

Compensation Offered (CTC) : 18 LPA

MSc. Mathematics

CGPA: 8.14

Recruitment Procedure

1. Eligibility for Applying

 All branches (Science & Engineering) with no CGPA cutoff were allowed to apply which is why it was a fair opportunity for everyone. Even all the selected ones (for all 3 profiles) are spread across multiple branches.
 However for Data Scientist, the Job Description mentioned the 'Must-haves' to be projects in Analytics/Data Science and proficiency in Python/NodeJS/Java or any equivalent language. Bonus would be having knowledge in statistics, ML, certain libraries and in-built models.
 Rapido came to hire for 3 job profiles : Data Analyst, Data Engineer, Jr. Data Scientist.
 They conducted the same initial process for everyone till the second last round of the selection process.

 2. Pre-Placement Talk (PPT)

 This is a very important session not just for this company but all of them in general because it really gives you a good introduction to the kind of business the company does and the clarity whether the company has what you've been looking for. Do attend it even if there is no compulsory attendance.
 Their talk explained the history of the company, how they raised a funding worth 500 crores and have grown 10x within a year, current problem statements, present status of being there in 85 cities across India and doing 3.5L+ orders/day, expansion plan and the job profiles followed by a Q/A session. The insights drawn from the whole session can be very smartly used to impress the recruiters in the interview rounds. It really helped me in the 1st round of interviews which I will talk about further.
 Side Note : During their PPT, they asked us not to come in formals for the interviews!

 3. Round 0 : Online Test

 The Online test consisted of 30 questions to be solved in 1 hour with each question of 1 mark and no negative marking. These questions were flowchart based that had sequences of steps to be followed (mostly involving numbers). Apart from questions like what would be the result after the end of the flowchart, questions like if 2 steps were interchanged then how would the result be affected/ the if-else questions with a few twists were some of the other types. Some were really quick (less number of steps), easy and should be aimed for first. Others were moderate (in terms of difficulty) but time taking as the number of steps were nearly 10-13 involving certain good level twists. Managing time and being quick with numbers is the key, else it's doable. To clear the test, the threshold was roughly 13-14 marks.
 There was no Resume Shortlisting round since this was the first time the company was hiring UG students from any on-campus placements. However one can expect this to be there as well next time

along with the test scores. Resume would need the above mentioned 'must-haves' & the bonuses if possible.

4. Round 1 : Interview #1

*Why do you want to join the company? Why are you interested in Data Science? (Initially they were HR interview questions for a quick warm-up)
*Included basic questions on my resume.
*Basic questions on my technical proficiency.
Questions based on the company :
*What are the issues that the company is facing? Can you think of solving one of them?
*How does the Rapido app work? What are the two kinds in it?
*Case study about Rapido or similar companies : Either about supply/demand, algorithms for the app, section of people we should be focusing more on.
Depending on your resume, the kind of case study is given. I had a technical profile with almost all projects and competitions in Data Science which is why I was given the algorithmic case study. It is not that you have to answer everything in one go. I borrowed some time to think and then come up with my approaches. The interview basically was to check the thinking capability and problem solving skills along with the knowledge of the company and your own CV.
In the end he asked me if I had any questions for him. Do not let this go in waste. Rather prepare questions from before itself about the company and be ready at such times. The questions I asked over here were one of the highlights of my interview. Utilise even this opportunity to impress the interviewer.
The interview went for 40 minutes
I would say in the whole round, attending the PPT really helped me.

5. Round 2 : Interview #2 (Technical)

Till the previous round it was almost similar for all the 3 job profiles. This round was the one creating a difference between all three. Based on your profile and skills the interview was manoeuvred towards a specific job profile.
Being purely from a Mathematical background, my interview was more about Math concepts. Apart from the same I had done projects, competitions and courses in ML, Time Series Analysis, NLP and Image Processing. Due to the same I had questions like the following. Though I didn't get a single question on my resume in this round but all the questions were in the domains I had mentioned in my resume as I was involved in Data Science since 2 years then. Some questions would remain the same however others could be may not be as mathematical, based on your resume.
*Comparison between mean CGPA of two batches 2010 (5 grades : A,B,C,D,E) & 2016 (8 grades : A,A-,B,B-,C,C-,D,E) if both the data follow a normal distribution. Comparison of 9+ pointers of both the batches.
*Questions on A/B Testing and Kolmogorov-Smirnov Test
*Comparison between properties of a normal distribution and a modified normal distribution
*Questions on Time Series Analysis : What is stationary data? What is the definition and working of ARIMA? What are the in-built packages for it in Python and what is its syntax?
(This question was because I had my thesis on this)
*Questions on Dimension Reductionality and matrices
*What is Accuracy, Precision, Recall? Applicative problem followed
*What is the Bayes formula? What is Prior, Posterior, Likelihood specific to some distributions?
*Case Study based on Swiggy to get the best customers for the "One Tap Feature"

*Which statistical measure shall be used to get the most efficient mode of payment for Swiggy?
The interview went on for one hour.

6. Round 3 : Interview #3 (HR)

*I was asked to give my introduction and then the following usual HR questions followed.
*Why do you want to join the company?
*What is the job of a Data Scientist?
*What was the most difficult thing you dealt with at your thesis at IIT Bombay?
*Where do you see yourself in 5 years?
However we were informally told before itself that the ones who clear the technical interview, they are mostly selected unless you mess up the HR Round too bad.

Important Topics and Subtopics to Remember

Machine Learning, Probability & Statistics, Linear Algebra, Foundations of Data Science, Neural Networks
Technical Proficiency : SQL, Python/R (Knowing both is great however being really good at one at least is important)

Sources of Preparation

YouTube channels like Sentdex, Alex Smola for ML
Coursera online courses : Introduction to Data Science in Python, Applied Machine Learning in Python, Social Network Analysis, Andrew Ng courses on Machine Learning
EdX online courses : Probability, R basics, Machine Learning, Linear Regression

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Additional comments

1. Be calm from inside and show full confidence on the face. Even though it's cliché, but is of extreme importance. Take your time to carefully listen to the question during the interview. It is the key even if you do not know the answer, you eventually can find a way around.

2. While making the CV, put all that you are sure of. Faking anything can be extremely risky as the interviewer can easily catch that. The last thing one should mess up are the questions on your CV because that is something you can be the most prepared about.

3. I had a CV about Data Science majorly as I was into it since 2 years before the placements and wanted to be placed in this domain itself at any cost. My Mathematics Degree primarily, my thesis at IIT Bombay (Time Series Analysis), winning at the MHRD Smart India Hackathon (NLP), Flipkart ML Hackathon (Image Processing), some internships (ML, DL) and the fundamentals learnt in courses (Electives/CDCs/Online) helped me with it.
However all this is not a necessity in any case. One can literally even start now through online material with having some base previously. Start right away and revise everything from at least 10 days before the Aptitude Workshop from PU starts because after the session starts, days can get quite hectic till the day you are placed.

4. Data Analyst v/s Data Scientist :

While I had given a talk on 'Placement in Data Science' at BITS itself, I realised almost everyone didn't know the differences between the 2 job profiles (Data Analyst and Data Scientist), which is why a quick explanation.

Data Science majorly has 5 steps : Data Acquisition (Validating data), Pre-processing of Data (Cleaning data), Data Visualisation (Drawing valuable insights), Research and Modelling Data, Deploying and Testing Models.

The first 3 steps are what the Data Analyst (Non core profile) does and the rest two are done by the Data Scientist (Technical Profile). If anyone in the company has a problem with the data or wants to know more about the data, can consult the Data Analyst. They also could be the front face of the company. However, a Data Scientist works on the back-end doing the research and building optimal solutions to solve problems for the company. Work involves research, coding and knowing of fundamentals of the theory (Mathematical, ML, DL, NLP, Image Processing, etc.)

5. To get a job in the field of Data Science off-campus, let me warn you of some problems. The minimum requirement for such jobs in firms is either a masters or a bachelors with 2-3 years of work experience which is why for freshers to fare at such stages becomes difficult. As far as our dual degree program is considered, one has a Masters Degree technically though explaining this to the companies becomes a huge problem. Due to all this, at the very initial stage of being eligible for the interviews itself becomes an issue. On the other hand for on-campus placements, PU does the talking before itself so that for you it's hassle free. For this domain, I would say that on-campus placements shall be taken seriously.

6. In general for all companies, remember to thoroughly study about the company. Their main business, their current issues, the target customers, etc. Ponder over if you can find solutions to their problems or if you can find any issue. Search the recruiters on LinkedIn after the PPT if at all there is time. Your background study really could be helpful during the interview.

I hope the information helps.
All the best! And do well! :)

Rapido

IT
Data Engineer

Bangalore

Compensation Offered (CTC) : 18 LPA

B.E. Computer Science

CGPA: 7.46

Recruitment Procedure

Round 1 : Online test
In the PowerPoint they said they just wanted to test are mental ability in the online test and that is what they did. They were mostly logic/iteration based MCQ puzzles(mostly mathematical in nature). It was lengthy and required patience to solve, after which they shortlisted 30 students for the interviews.

Round 2 : Technical Interview 1
In this round, they went through our resume and discussed the projects I had done(especially my PS-2 project). I advice everyone sitting in placements to be very thorough with their resume as every company does this. Post this I was asked to build a system design for Rapido itself, something which I had learnt online from youtube after being rejected for not being able to answer a system design question. Post this he discussed the roles the company was offering and asked me which would I be interested in more.

Round 3 : Technical Interview 2
This round was sort of a stress interview, with the interviewer constantly trying to put me under a lot of pressure. Luckily a lot of previous interview experiences and help from friends made sure I entered the room confidently. He asked me questions on DBMS(would suggest everyone to watch GateSmashers videos on YouTube, found them to be great for revision of DBMS). He asked if I knew distributed systems, which I honestly told him I didn't know. He asked anyways, and I tried to answer him as logically as I could. He also asked a bit of data mining basics as I had them in my resume.

Round 4 : HR round
It was a formality and nothing special happened here.

Post the HR round we were told that we would be getting the offer.

Important Topics and Subtopics to Remember
DSA, OOP, DBMS, courses in which you've done a project/TAship and put on your resume

Sources of Preparation
Geeksforgeeks, InterviewBit, Youtube

Additional comments

General tips:

1) Don't think that they won't care about a certain point in your resume. In a certain other interview(Jio) I was grilled on an ECO SOP which I felt wouldn't be important and it set the wrong tone for the interview.

2) If you're a CS student don't make the mistake of thinking that only DSA is important. It is the most important, yes, but there will be a lot of companies asking OOP, System Design and DBMS(these were asked to me, I've heard some of the top companies asking OS and Networks as well) so be prepared. I worked on a Java project in my PS-2 so I kept getting asked OOP questions, something I wasn't very comfortable with.

3) Try and remain as calm as you can in the interview. Rapido was the most calm I was for any interview, and that was the day I finally got placed.

4) If you're doing a sem-1 PS don't completely bank on a PPO, sometimes things go out of your control and it gets very stressful to sit for placements without enough prep.

5) At the end of the interview, if they ask you whether you have any questions for them, try asking a smart question. Gives a good impression and may help you get to the next round if it's a 50-50.

Rapido

Banglore

Data Engineer
Big Data Engineer

Compensation Offered (CTC) : 17 LPA

B.E. Electrical & Instrumentation

CGPA: 7.32

Recruitment Procedure

Round 1: Logical Understanding of Flow Charts
 This was an online test with 30 questions with1.5 hrs time limit. All questions were flow chart based, designed to test the logical understanding. For each question a flow chart was presented with conditional and loop blocks, and we were asked questions like what would happen after the loop has ran for 10 times or so. The most tricky part about this round was the phrasing of the questions.

 Round 2: Technical Interview I
 The structure of the first technical interview round was not fixed and the type of questions asked differed based on the past experience related to the job profile. For me, it was based on my resume alone. I had to explain my role in my PS-II internship profile and the projects I undertook of my own acccord.

 Round 3: Technical Interview II
 For this round I was asked questions related to the projects I handles in my PS-II. I had to explain the structure of the pipelines I built and their workflow along with the steps taken to improve the efficiency of the model that was already in place. After that there were a series of questions about the techs I am familiar with and some questions about my understanding of the SQL language, and some concepts of OOP.

Important Topics and Subtopics to Remember

DSA, OOP, Familiarity with multiple languages (Python, C++, Java, SQL, etc.). Flow Charts

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Sources of Preparation

GeekForGeeks, InterviewBit

Additional comments

My PS-II position was in Data Engineering team, so it helped me quite a bit for the interview since I already had a 6-month experience in working with Big Data and building pipelines which helped quite a lot since most of the questions asked to me were about the projects I did in my PS-II.

RBL Bank

Mumbai

IT
ASSOCIATE TRAINEE

Compensation Offered (CTC) : 9 LPA

B.E. Computer Science

CGPA: 6.96

Recruitment Procedure

Round 1 was a Group Discussion related to General Ongoing Topics. Our topic was Current Technology Pros and Cons in which they gave us 10 mins in total for a team of 8 members.
Round 2 was a technical one. It started with basic introduction and the projects in my resume and PS2 experience.
Coming to technical thing most of my questions were related to DSA topics and DBMS. Since the company is from banking sector, they even went through some basics of Machine learning and Data Mining topics related to identifying fraud transactions and so. After this round 4 ppl were shortlisted to the final round.
Final round(HR) Its basically a formal round to discuss about my strengths, my schooling and experiences from my projects and PS.

Important Topics and Subtopics to Remember

DSA, DBMS, Some knowledge about Machine learning and Data Mining(Not Mandatory)

Sources of Preparation

GFG and interviewbit

Additional comments

Target

IT
SDE

Bangalore

Compensation Offered (CTC) : 12.7 LPA

B.E. Electrical & Electronics

CGPA: 8.44

Recruitment Procedure

After the basic apti+resume shortlisting, the major rounds were as follows.
Round 1: PPT
PPT introduced us to the company and its role in the Indian IT sector. Gave us a few examples of kinds of work done in India for their US counterparts.
Round 2: Interview 1
Interview consisted of aptitude+technical round. Questions on puzzles, iterative thinking, number ballparking and data analysis. Also questions on OOP and DSA.
Round 3: Interview 2
Purely technical. Questions on resume (projects and the technical aspects of that), OOP again and some DSA.
Round 4: Interview 3
Had an extra interview but mostly behavioural.
Round 5: HR Interview
Questions on relocating to Bangalore, why Target, MS aspirations etc.

The process was slightly arduous due to the time span and weather of the day. Finished at around 1 am after starting from 11:30 am. But smooth operations by the PU, given the large number of applicants. Interviewers were very helpful, quite considerate and not too stressful.
Suggestions to future aspirants: This profile is slightly different that usual IT ones thus there was more emphasis on OOP than DSA. Java-based development is more prevalent in the department thus OOP was focused on. Java concepts would be useful for such interviews.

Important Topics and Subtopics to Remember

OOP and DSA. Special focus on JAVA as a language, as questions on "code XYZ in Java" were asked directly.

Sources of Preparation

YouTube.

Additional comments

Target

Banglore

Compensation Offered (CTC) : 12.7 LPA

B.E. Electrical & Instrumentation

CGPA: 6.86

Recruitment Procedure

Round 0: Coding round-
 2 coding questions and mcqs on IT concepts like oop, dsa, code snippet outputs and few from dbms.
 Round 1: Technical interview
 Questions on oop, dsa and resume related skill concepts. Explain in detail and ALWAYS with a unique example.
 4 coding questions were asked to me building up from basic like linked list, to using hashmaps in dynamic programming.

 Round 2: Management + technical round
 Questions on resume again on a high level to check your understanding or familiarity with what you have put on resume. Some more coding question explaining usually 1 or 2. Finally self development questions.

 Round 3: HR rounded
 Questions on future plans, describe youself and talk about development qualities.

Important Topics and Subtopics to Remember

1.Topics for coding are sequentially listed on InterviewBit website for programming practice (All DSA topics)
 2. Placement interview questions - company wise - is the place to revise or study for technical interview on GeeksForGeeks

Sources of Preparation

InterviewBit and GeeksForGeeks placement questions.

Additional comments

Confidence in your preparation is the key.

Target

IT

SDE

Bangalore

Compensation Offered (CTC) : 12.7 LPA

B.E. Electrical & Electronics

CGPA: 6.17

Recruitment Procedure

Round 1 : Coding Round
 DSA questions
 Be thorough with arrays.
 Understand the use of STL for stack, queue, priority queue, maps, set.
 Prepare all standard questions of DP and if possible of graphs.

 Round 2 and 3: Technical Interview 1 and 2
 Expect many but simple questions based on your Resume.
 Questions based on Trees and Searching Algorithms were asked.

 Round 4 : HR Round
 Be attentive during PPT as you can form your answers of this round based on that information. Be honest but don't give very bad answers.

Important Topics and Subtopics to Remember

DSA and OOP

Sources of Preparation

GeeksforGeeks

Additional comments

4 months are enough for preparation for Placements in IT

Target

Banglore

IT
SDE

Compensation Offered (CTC) : 12.7 LPA

B.E. Electrical & Instrumentation

CGPA: 6.86

Recruitment Procedure

Round 0: Coding round-
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Sources of Preparation

InterviewBit and GeeksForGeeks placement questions.

Additional comments

Confidence in your preparation is the key.

TATA Advance systems

Hyderabad

Mechanical Design/Manufacturing

Compensation Offered (CTC) : 6.5 LPA

M.E. Design

CGPA: 7.2

Recruitment Procedure

1.Shorlisting of resume based upon CGPA 60% in 10th,12th, B.E.& M.E

2. In first round it was 30 minutes test online test. In that paper they have asked about geometric tolerance 5-6 questions, strength of Material 4-5 questions, Manufacturing processes 6-7 question and aptitude around 6 questions and Engineering graphics related from isometric and orthography 6-7 questions and total questions were 30.

3. In second round there should be G&D but got cancelled due to fewer number of students.

4. In third Round they called us to Hyderabad for the interview. They called us very early at 9 o'clock in the morning about interview happened around 2 o'clock. There was only one panel including 2 people and having experience of 8-10 yrs and No candidate can talk to each other when interview was started they kept us separated.
  The interview goes like this-
 - Tell me about yourself.
 -What you know about our organization.(already prepared from their website)
 - why do you want to join us as we are private and your schooling, B.E have been done from Govt, even your father is in Govt.
 - why their is gap of 2 years.
 -Will you prepare for Govt exam as you have given your two years.

 Coming to technical
 -Total based on my resume (projects). Prepare you project from each and every corner.
 -Cost of aluminium,Gold, silver.
 -Which was their first helicopter.
 - Factor of safety definition and what Fos is used for aerospace specific value.
 - Type of composite and used in their industries.
 -Why composites are used over Metals?
 - Relocate?

 Note- both HR and technical took place together. Mixed questions sometimes technical and sometimes HR. Interview was for around 15 Minutes.

Important Topics and Subtopics to Remember

Geometry and tolerance, Engineer Graphic, Metrology & manufacturing processes.

Sources of Preparation

Short notes of my B.E, little bit from Internet Glassdoor paperset and took help from my friend, as I was aware about company what they do and deal with and some topics suggested by my friend.

Additional comments

1. Confidence.
2. Eye contact.
3. Deliver you project brief and understandable.

Thorogood Associates

Bangalore

Consulting
Compensation Offered (CTC) : 10 LPA

Business Intelligence and Analytics Consultant

B.E. Electrical & Instrumentation
CGPA: 7

Recruitment Procedure

Round 0: Aptitude test
 Pretty standard aptitude test. In addition to the regular aptitude questions, there were two essays to be written. Straightforward topics such as your input on possibly joining a new city. Preliminary test of your communication skills and speed.

 Round 1: First Interview
 The first interview was based on my CV. This was an elimination round. There were three panelists, however one was just taking notes of the entire process. This was a practice followed throught the process, for each and every round. The interview was made very comfortable and conversational, with the primary focus being the longest internship done in my CV. The questions regarding that were extensive and the interviewers seemed quite interested in finding out the nitty-gritties of the project I had been working on. Approximately three quarters of an hour long of an interview.

 Round 2: All day Assessment
 There was a second day of the process which lasted from 8am to 6pm. It was four non-eliminator rounds that together took the whole day.

 Round 2a: Case Study
 A booklet about 5 pages long was given along with OHP paper and markers to prepare a presentation as per the question asked in the booklet. The question revolved around choosing the best possible strategy for the orgainstaion defined in the problem. It was an extensive case study, with ~2 hours of preparation time and ~20 minutes to present it. This was followed by 15 minutes of cross questioning regarding the assumptions taken and the decisions made in the presentation.
 This round was however interrupted midway during the prep time for Round 2b to take place, so making comprehensive notes and keeping a track of the flow of the presentation was essential.

 Round 2b: Fact Finder
 The Fact Finder round was divided into three parts. First, two minutes to study the problem statement given- you are a real estate agent, getting information about your client and making a recommendation . Second, 15 minutes to ask as many questions as I could and gather whatever information I deemed necessary to solve for the problem at hand. At the end of this time, the solution presented was cross questioned basis the information I was able to gather, and the information I was not. After receiving more data, I was given a choice whether or not to change the solution I had chosen. This is a subjective

exercise and entirely dependent on what information the candidate is able to ascertain.
After this round, I resumed the previous round from where I had left off.

Round 2c: Group Exercise
The group exercise took place post lunch, and all eight of the shortlisted candidates were involved. The objective was to design an airport using Lego-esuqe blocks provided which achieved the necessary objective as provided to us in a problem statement. The task was observed by all the panellists who had flown down to Goa from Thorogood, and was primarily designed to observe the group dynamics of the individuals present. The exercise concluded with all of us discussing what we had managed to achieve in the alloted time(~1 hour), what our best ideas were, and else could have been improved upon.

Round 2d: Personal Interview
This was final interview, one on one with another panellist who the candidate had not had an interview with yet. This interview was more along the lines of gauging the personality fit of the candidate. I was asked about the probems I had faced uptil now in reference to the leadership positions I had held, the projects I had done, and how I had been able to solve them. It was more casual interview than the previous rounds, and it dealt with more of the holistic approach to work done mentioned in the CV, rather than the outcomes from it.

Important Topics and Subtopics to Remember
A good practice of case studies is essential

Sources of Preparation
Case Interviews Cracked

Additional comments

Thorogood Associates

Bangalore

Consulting

Compensation Offered (CTC) : 10 LPA

Business intelligence and analytics consultant

B.E. Chemical

CGPA: 6.97

Recruitment Procedure

Round 0-
 Aptitude test. It had a MCQ type format. The questions are easy with basic maths and logical reasoning type questions. We need to be fast and accurate to solve as many possible.
 From this round they shortlisted around 16 people for the interview round
 Round 1- This round majorly is focused on the CV. They as questions related to what you have written in the CV and you need to know each and every detail about it. I felt that they try to gauge the knowledge the applicant has about the things he has mentioned and also the confidence with which he portrays them. Try and be precise and not fake anything. Ask back questions and make the conversation interesting.
 My profile was very research oriented so the interviewer wanted me to explain why I was interested in joining the company and how had my previous experience helped me in developing analytical skills. It was a long interview which lasted for about 45 minutes but nothing apart from the CV and the skills mentioned were discussed.
 They shortlisted 8 people from this round
 Round 2- Assessment center
 This is a very special round as it is unique to thorogood. It lasts for one complete day with different competitions going on simultaneously. The best thing I heard about this round is that the best way to prepare for it is to not prepare for it. But believe me, it will be a tiring day. By participating in this round once, you get into a non disclosure agreement with the company and you can never reappear for thorogood as far as what I have heard. This round is divided into 5 different parts starting from an elaborate case study, a case interview, an on the spot presentation, a team exercise and lastly an interview which I think is the HR round. None of the rounds are eliminating in nature and the results are announced only after the end of the day. The things to keep in mind for this round is that you should be well versed with case studies (I refereed to Victor Cheng like everyone) and also the guesstimates. You need to brush up on your presentation skills as well as your time management needs to be precise. Overall it is a fun round which everyone enjoys no matter the result. The panel which consists of about 8-12 people is very friendly and helpful. Best of Luck.

Important Topics and Subtopics to Remember

Case studies, revise your CV skills, Guesstimates, Presentation skills.

Sources of Preparation

Victor Cheng for case studies and Youtube videos for guesstimates.

Additional comments

Thorogood Associates

Bangalore

Consulting   Compensation Offered (CTC) : 10 LPA

Business Intelligence and Analytics Consultant

B.E. Mechanical   CGPA: 8.1

Recruitment Procedure

Day 1
 Round 1 : An online aptitude test - fairly simple followed by two short answer type questions on your expectations and why you are a fit
 Day 2- (based on your score and resume)
 Round 2 : Interview related to mostly your resume and the type of work done in PS2
 Day 3 - Very less preparation is required for this day and it will be more about being spontaneous. No elimination till the end of the day
 Round 3 : Solving a unique case in 2 hrs which covered aspects of resource allocation and prioritisation
 Round 4 : Fact Finding Round- You will have a limited time to ask questions for a problem. Gather the information and provide your suggestions
 Round 5: Present the case you solved in Round 3 to the panel of 3 people in my case . Try to cover as much information as possible . It is certainly not possible to cover everything
 Round 6 : Group Activity - A very interesting group activity
 Round 7 : Interview - Another interview where they want to find more about you and how you are a fit for the company

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Important Topics and Subtopics to Remember

Resume
 Work done in PS2

Sources of Preparation

Discuss with friends - My friends helped me a lot

Additional comments

Thorogood Associates

Bangalore

Analytics

Compensation Offered (CTC) : 10 LPA

Business Intelligence and Analytics Consultant

B.E. Electrical & Instrumentation

CGPA: 6.01

Recruitment Procedure

Round 1 - Online Test

A test consisting of Quant + Essay writing. Quant questions were run-of-the-mill but the essay part proved to be the difference-maker as you needed to write at least 300 words to even qualify and were then judged on its quality.

Round 2 - PI

About a 30-minute interview mostly on my resume. I was asked to explain my projects, internships, CG in detail. Also, standard questions on why I wanted a career in consulting, why Thorogood etc. Pay attention in the PPT and try to use some of those points in this interview. The interviewer was friendly and that helped my confidence

Round 3 - Full Day Assessment

The next round was a full day assessment that lasted from 8 AM to 6 PM. It consisted of 4 different rounds and were pretty interesting and fun to attempt, given the monotonous nature of most other companies' placement processes.

The first was a written case study that we had 90 minutes to solve and then present our recommendations. We would then be questioned as to why we decided to solve the question that way and not any other way.

The second round was an on the spot case study. The interviewer would read out a statement and give you 90 seconds to ask questions to obtain information. Then you had to make your recommendation in the next 2 minutes and answer their questions about your decisions. In this, it was very important to ask the right questions and make notes as no information was provided to you apart from what you ask.

The third round was a group task that all the selected participants together completed. Suffice to say, it was a very fun activity and in fact, was the highlight of the entire placement season for me.

The fourth round was again a PI. The interviewer asked me a bit more about my resume and my experience of the assessment centre. The interviewer in this PI 'grilled' me a bit more than the earlier rounds but all in all, wasn't too harsh.

Important Topics and Subtopics to Remember

Basic Quant for the first round

(Thorogood's placement process is meant to be such that nothing else can be prepared beforehand)

Sources of Preparation
Quant material given by the PU

Additional comments
R1- The essay was a huge difference maker and as such, it wouldn't go amiss to attempt that first because if you don't clear the word limit you will be out no matter how well you do in Quant.

R2- Go through your resume properly. Try to come up with a way for each of your projects and experience relate so that they would be relevant in a consulting domain

R3- There is no way to prepare for this round. It is by design supposed to check your critical thinking skills and how fast you come up with a feasible solution. It's pretty gruelling as it takes around 10 hours. Make sure that you don't show any signs of fatigue. The most important thing is to be confident in your choices always. Whatever answer you pick for case studies, the interviewer will always counter it. You need to stick to your decision if you are sure its right. Conversely, if given new information that is more relevant, you can also change your answer and face no negative consequences as such but then be prepared to defend that choice that as well.

Udaan

IT

SDE

Bengaluru

Compensation Offered (CTC) : 30 LPA

B.E. Electrical & Electronics

CGPA: 8.01

Recruitment Procedure

Round 1: We were asked to write a piece of code for a movie theatre, which can perform tasks based on user input. There are many screens, each screen having several rows of seats. Each row may have gaps for walking, and therefore, some aisle seats. The code must take a one-line input from the user and perform tasks, such as checking seat availability, checking if contiguous seats are available, reserving seats, notifying the user if the operation fails and displays an appropriate message if the input is invalid. The question could be solved in various programming languages using some useful library functions. It wasn't really DSA intensive. The first round could be done from the hostel rooms, no need to go to the CC.
 Round 2: This round was more development-oriented. Again, there wasn't any complex DSA concept being used. We had to develop a bus ticket booking system, preferably with an integrated database of the buses and bookings. The system should be able to return answers for queries and get reservations done. Not much information was given besides the requirements and functions, leaving the exact structure to the imagination of the student. This was done in the CC, with a duration of around 2 hours.
 Round 3: This was a technical interview. The interviewer opened the code we had submitted in round 2 and asked us questions about it, regarding its functions, limitations, and if we wanted to add another functionality, how we would go about the process. It wasn't very highly technical, with questions mostly aimed at gauging the thought process to solve a problem or improve an application.
 Round 4: The last round was also a technical interview. This was more centered on our resume, and we were asked to explain our skills, projects, internships, etc. The interviewer also asked questions like: How do you go about learning a new subject? Why should we hire you, and not someone with more experience in software development?
 Round 3 and 4 were interviews of around 40-45 minutes each.

Important Topics and Subtopics to Remember

Java/C++/Python, Web Development, App development, Object Oriented Programming, Databases, DSA

Sources of Preparation

Geeksforgeeks, OOP course, InterviewBit

Additional comments

Java and OOP concepts were pretty useful, though. Udaan's placement rounds were less Dsa-oriented, unlike most companies, and more focused on software development.

Udaan

Bangalore

IT

Compensation Offered (CTC) : 30 LPA

SDE

B.E. Electrical & Electronics

CGPA: 6.82

Recruitment Procedure

Round 1: #Coding (Take Home)
We were asked to make a Ticket Booking Application for a Multiplex.
They asked us to implement 4 functionalities.

1. Add Screen - Given a Screen Name, Number of Rows, Number of Seats per Row, Aisle Seat Numbers. We are expected to Store this information in the form of a Matrix form(2D array), every element of the matrix representing a Seat.
2. Book Seats - Given Screen Name and Number of tickets in a particular Row, check if we can allot seats and Book seats if possible. Return a Successful/Unsuccessful flag.
3. Return Empty Seats - Given Screen Name, We are expected to return the the array of empty seats
4. Check Contiguous Seats- Given Screen Name, Row Name, and a Seat number, We are expected to return the number of continuous seats with regard to the aisle seats.

It was held on one of the Online Coding Platforms (HackerEarth Maybe, Any Coding Language can be used)

Round 2: #Coding (Computer Centre)
We were asked to make a back-end application for a Travel Company, Handling Buses.
They asked us to implement 3 features

1. Search for available Buses - Given Source, Destination and date of travel, check if there are buses available on that date, and return the Bus_ID and timings.
2. Booking - Given the bus_id, Allot the seats the User chooses.
3. Travel History - given the User_ID, Check the Database and return the users previous travel data.

We were told to package the code and mail them.

Round 3: #Personal Interview
The Interviewer seemed quite nice, They asked us to explain the code we've written for the Bus ticket booking App and then asked us to implement more features there itself. It was kind of a Q/A session as to see how our approach to a given problem is

Round 4: #Personal Interview
It was a different Person this time, this time it was a round based on Resume and Personal Interests. The

interviewer asked me to give a run through of my Resume. This round went on for an hour. He was very interactive and seemed interested in the projects I've done till date.

 Overall, I really liked the way Udaan conducted the Personal Interviews. They tested my knowledge till date and respected my short comings.

Important Topics and Subtopics to Remember
DBMS, SQL, Any OOP language. Server Architecture, Deployment architecture

Sources of Preparation
InterviewBit, Geeks For geeks, YouTube, Medium.com

Additional comments

Udaan

bangalore

IT

Compensation Offered (CTC) : 30 LPA

SDE

B.E. Electrical & Instrumentation

CGPA: 7.3

Recruitment Procedure

Udaan's technical interviews were one of the most unique and enjoyable interviews i have had. Unlike other companies which judge you based on your DSA skills, Udaan took the technical interview based on your software development skills.

Round 1: 2 hour OOP based coding test
The round could be given from your room and there was only one 100 marks question . You had to design a movie ticket reservation system which could book a ticket,cancel a ticket ,show available seats and suggest adjacent seats if seats are full. Using OOP concepts was highly advisable as the question was similar to what we got in our OOP labs.
Out of 125 people 25 were selected for next round. Anyone who was able to get one function completely right(get 30 out of 100 points) was called for the next round. There were only two people who got 100(including me).

Round 2: Software development round
The question was similar to the first round and we had to design a bus reservation system in two hours which could store the data in the DB and fetch results as well as update results from the DB. This round was on-site and unlike the first round , we had to develop an API. we were allowed to whatever tool we wanted. I used spring boot for backend development(since i was familiar with spring boot due to my ps2) and mongo DB to store the data. Experience with software development was recommended for this round. Out of 25 people , 3 were called for a technical interview.

Round 3: Technical interview
Here i was told to go through my whole code which i did in round 2 and explain my approach. Some questions regarding my approach was answered. After that the round 2 problem was extended and the interviewer added challenges two the question such as if i had a large booking what would be my approach to accommodate all people so that all are adjacent. I was also given a hypothetical scenario where I have to design an app for it and was asked about my approach regarding it.

Round 4: Technical interview(Resume based)
This was the final round. I was asked each and every thing about my resume. I was asked about all the projects that i have mentioned in my resume along with technical details. You were expected to have thorough knowledge of all the things you have mentioned in the resume. Finally i was asked about my PS2 internship(at OYO rooms) and was asked to show the high level system design of the product i was working on in my internship. After the interviewer was satisfied with my answer i was told to wait outside

and then the HR called me 15 minutes later and told me that I have been offered the job in their company.

Important Topics and Subtopics to Remember
OOP, In general topics like DP ,greedy, trees are a must

Sources of Preparation
Geek for geeks(top questions for interview preparation) as well as most common company based questions.

Additional comments
Be very thorough with your resume. If you feel stuck during an interview just tell the interviewer instead of staying silent. Most of them are friendly and try to give you hints if you are stuck. Explain your approach first to the interviewer rather than just giving the answer.

UnitedLex

Consulting
Associate

Bengaluru

Compensation Offered (CTC) : 11 LPA

B.E. Electrical & Electronics

CGPA: 8.14

Recruitment Procedure

Round 1: Online Test: Multiple Choice Questions. EEE students will be tested on basics of EEE like semiconductors, digital design etc. Other than this, aptitude is tested.

Important Topics and Subtopics to Remember

Digital design. Electronic devices. Analog electronics.

Sources of Preparation

EEE textbooks

Additional comments

UnitedLex

**Consulting
Associate**

Bangalore

Compensation Offered (CTC) : 11 LPA

B.E. Computer Science

CGPA: 6.01

Recruitment Procedure

Round 1 : Online Test : The test was on their simulated test portal. It contained questions on aptitude, data interpretation, English and some machine learning.
 Round 2 : Technical Interview : The interview was held online with their senior executive. He asked questions on topics written in resume. Questions related to projects were also asked. I had done a web development in one of my project and the basic purpose of it was to only record data in form of accidents or malfunction in machinery, but the interviewer asked me that if I was asked to predict the accident, then how will I approach the problem. He also asked two lengthy puzzles which were a bit difficult but I was able to answer one of them.
 Round 3 : Technical Interview : This interview was also held online and was taken by the vice president of company. He asked questions on DSA, OOP, Networks, Operating System and some miscellaneous topics.
 Round 4 : HR Round : This round mostly asked questions on yourself, your life at campus, which subjects you enjoy, extracurricular activities you do or clubs you worked at, why do you want to join the company, etc. Then he discussed of what I could expect from the company and what my role would be.

Important Topics and Subtopics to Remember

Data structures, OOP, OS, Computer Networks

Sources of Preparation

Interviewbit : coding preparation
 GFG : Coding practice and quiz on some topics, some articles discussing questions to expect in interview
 YouTube : System Design

Additional comments

UnitedLex

Consulting
Associate Consultant

Bangalore

Compensation Offered (CTC) : 11 LPA

B.E. Electrical & Electronics

CGPA: 6.7

Recruitment Procedure

Overall interview was taken remotely, since recruiters were present at Hyderabad campus. Screening was based on 3 rounds. Writing aptitude round 1, consisted of analytical questions and mathematic puzzles. Super easy to score but with time constraints. Next morning Round 2 was conducted as case interview, some electronics core questions were also asked alongside the case and generic puzzles. Round 3 was more of feedback round aka HR round. Offers were presented by midnight.

Important Topics and Subtopics to Remember

Analytics, technical case study, logic puzzles

Sources of Preparation

University provided aptitude classes, Glassdoor

Additional comments

Visteon Corporation

Pune/Banglore/Chennai

Electronics

Design Engineer

Compensation Offered (CTC) : 8.5 LPA

M.E. Design

CGPA: 9.24

Recruitment Procedure

Round 0: Written Exam
 MCQ belong from mechanical, electronics, electrical, Computer science subjects. Judgement done by seeing the responses given in mechanical question.
 It also contained some aptitude questions.

 Round 1: Group Discussion
 Non-eliminating round, seeing the participation of each candidate and how worth it is.

 Round 2: Technical Interview
 1st question was asked which product you liked the most (as they gave the description of their product during PPT).
 2nd question was asked what changes/modification can you bring in that particular product.
 3rd question related to describe any technical project done during coursework.
 later all the question related to projects (like knowledge about subjects used in the project, tool used,).
 They also asked some basic practical question related to mechanical subjects like SOM.

 They also asked why you liked to join this company which I replied, keen to work with artificial intelligence team. Then they want to know how I am preparing for this, which I gave a response by learning from online. For verifying this they asked question that how can I use machine learning in mechanical domain. I explained all this by giving an example of assembling an bottle (as bottle was kept nearby at that time) with the help of ML.

 Round 3: HR Round
 One on one interaction with HR. He described about the company, what kind of work done, where this company located in India and what each unit is responsible to do. Then he liked to know any preferences for work location. At the end of all the interviews, I was given time to ask the interviewer a few questions.

Important Topics and Subtopics to Remember
Well aware with projects and the ME subjects related to it.
 Have a good knowledge on basic mechanical subjects.
 Have a good knowledge on any programming language.

Sources of Preparation

Standard mechanical engineering books, Coursera for multidisciplinary subjects like ML, Notes given during coursework by professors, Aptitude done by using Made easy Verbal and numerical reasoning (similar kind of question were asked).

Additional comments

Webware

Goa

IT
Junior Developer

Compensation Offered (CTC) : 6 LPA

B.E. Computer Science

CGPA: 5.5

Recruitment Procedure
Round 1 : Technical Interview(Few DSA questions)
Round 2 : Questions on projects
Round 3 : HR questions

Important Topics and Subtopics to Remember
DSA

Sources of Preparation
Interviewbit

Additional comments

Webware

Goa

IT

Compensation Offered (CTC) : 6 LPA

Junior Test Developer

B.E. Chemical

CGPA: 7.1

Recruitment Procedure

Technical Interview

Important Topics and Subtopics to Remember

Simple Sorting and Coding Algorithms
 What you need to achieve should be? (as a coder eg: SDE, Web Developer, etc.)

Sources of Preparation

Geeks for geeks

Additional comments

Do not show any undone achievements in your resume as the interviewers are well experienced guys

Wells Fargo

Bangalore

IT   Compensation Offered (CTC) : 17 LPA

Program Associate (Software Developer)

B.E. Electrical & Instrumentation

CGPA: 7.48

Recruitment Procedure

Round 0: The Pre Placement Talk

Listen carefully to what Wells Fargo is involved in, as if you make it to HR round, you will be asked about it. Just have an overall idea about their work.

Round 1: First round was an online test on AMCAT platform which consisted of 3 sections

English: 25 questions for 25 minutes – Questions were of medium difficulty- Comprehensive passages, error detections and completing the sentences with appropriate phrases or words.

Business Analytics: 14 questions for 25 minutes: Questions were of medium difficulty and required the presence of mind and strong analytical skills. Interpretation of stocks price fluctuation through graphs and tables and some other questions which could be easily answered if you have some idea of economies.

Coding: The coding section consisted of 2 questions for 45 minutes. One was to find the number of non-repeating characters in a string which was very easy if you use a hashmap. The other was to find the longest common substring starting from index 0 of all the strings in an array of strings. The other questions my friends got were similarly easy. From what I remember, even if you answer one, you get selected.

Round 2: This round was pen-paper coding plus aptitude round (1hr).

This round had two riddles based on analytical thinking in the first section The riddles were on a good level and took some time to solve. The next section was logical reasoning questions on sitting arrangements, and a few diagrammatic reasoning questions. This section comprises the questions revolving around finding the missing number is the series. The next section had Technical MCQs on data structures, OS, Networking and Java. The next round consisted of Two coding questions of medium/high level. You have to write the whole code from scratch on paper. Go through the geekforgeeks campus interview experiences. The exact questions for this round are discussed there. I got a very similar question, which I didn't think an answer to before, but because I saw the similar question earlier, It helped me answer it on paper. The whole game is about managing time for this paper. 1 hr to complete this paper is tough. I got both the puzzles right, and a good amount of questions in the 2nd round right. I didn't prepare OS and Networking, so I got most of the questions wrong here. I got the coding question

completely right. I think I got selected for the next round, because I got a tough puzzle right in the first section, and one coding question right, along with almost all of the second section.

Round 3: This was a Technical Interview Round

Various questions from the resume walk through and discussion on the projects done in the four years of college. Even more on in depth discussion on the Data Science projects done in PSII. The interviewer asked me some questions from OOPs concepts and relating to OS. I was asked why I scored so bad in OS and Networking. I was very honest throughout the interview, and I simply said I never had the need and hence the opportunity to learn it for any of my projects nor from my degree. But I would love to learn it for the job. Wouldn't take me more than 1-2 weeks. Discussion of the thought process in the written questions in Round 2. Had to explain all my answers. I pointed out to the interviewer a mistake I made in writing the written code in the last section, where they marked full marks to me. We then went on to have a conversation on life :P I told him my philosophy and principles of life. And when asked what my treasure from college life was. I revealed, the people I met here is what I'm taking back with me. Just know yourself well, and have an honest discussion on things. The culture in the company is based on honesty, is what I observed. Just be genuine and you should be good.

Round 4: This was a second Technical Interview Round

Since my first round had more questions on data science, this round was my OOP and DSA testing round. Asked some simple OOP questions and 2-3 medium level DSA questions, to make further sure I can code and develop too, and not just know ML/AI. The inter view again entered a conversation mode with why I even want to work in IT in the first place, my work ethics and hobbies. Just genuine friendly discussions. Be genuine.

Round 5: This was the final Techno-HR round.

The interviewers asked me both technical questions, from my resume and my favorite subject(that is chosen by me). General HR questions like difference between leader and boss, are you a team player, what challenges did you face while working in a team, how to handle situations where views conflict in a team, etc. Asked What does Wells Fargo do? Why do I want to work in a Financial Institute. How would working at Wells Fargo help me, and help the company.

The key is to stay confident and be honest at every answer and avoid guessing any technical answers. Be frank and confident and let them know you have no idea about that right now but you can learn it eventually. HR rounds demand honesty and confidence.

Important Topics and Subtopics to Remember
DSA, OOP, OS, Networking (Definitely go through geekforgeeks campus interview experience questions)

Sources of Preparation
I had pre-recorded DSA videos (taught from scratch in C++) from Code Blocks. It covered all topics, so that really helped. I'm not sure if I uploaded it on DC. If needed, you can contact me, and I'll share it to someone to upload it there. Then you definitely need to remember ALL the gfg must do DSA questions.

Make sure you make notes on all types on questions. The logic is, in coding rounds, you don't have time to think solutions for something completely new, in the given time. Hence it is important to go through these questions thoroughly, and remember the kind of questions and solutions, to be able to relate to similar questions in the coding rounds. I would suggest doing these as and when you finish each topic. (Practice fast input of strings, and extracting words and specific letters, and mainpulation of those words in code). Then do interview bit questions. If you complete interview bit, lets just say you don't have to worry about any placements, now or in the future, cause you'll have a good DSA graph.

Additional comments

It's most important to have good projects. The PSII projects I did was some crazy Data Science work. So that helped me immensely. You need to know one technology, apart from the normal stuff described above. So work hard in PSII so that you'll be more confident about your work, and worth in the placement interviews.

Wells Fargo

Hyderabad

IT
Software Engineer

Compensation Offered (CTC) : 20 LPA

B.E. Computer Science

CGPA: 7.19

Recruitment Procedure

Round 1 : Online Test
 This consisted of MCQs related to basic CS, English, and aptitude, and 2 coding questions at the end. The level of the MCQs was easy to intermediate, but you were pressed for time, as you couldn't go to the next question before attempting the one in front of you. The coding questions were randomly selected for all the candidates, and some ended up getting easier ones, and some got really difficult ones. The questions I got were very easy, both of them being basic string manipulation questions. This round was just testing the basics, and speed being a big factor.

 Round 2 : Written Test
 This round was for one and a half hour, consisted of 2 puzzle based questions, for which we had to explain our solution subjectively. Then aptitude based questions, which were on the tough side, followed by CS fundamental questions mainly about OS and Networks, in addition to questions about C programming syntax. And at the end were given two DSA based problems. The first one was a string manipulation question, with some rules given for a 'password', and we had to find out if the password was valid or not. The second question was a backtracking problem. Given the sequence string, '123456789', insert {+,-,*,/}, in between these numbers, so that the result gives you 100.
 Attempting the DSA questions is important, even you don't know the optimal solution to the problems. I spent a lot of time on these questions, MCQs either you know, or you don't.

 Round 3 : Technical Interview
 This was a one and a half hour round, starting with a comparison between quick sort and merge sort, space and time complexity. Then some questions on trees, how to balance a binary search tree, what is AVL, how to delete a node from a BST.
 Then a discussion about hash tables, and why are they used. Had discussions about operating systems, I hadn't revised it to a high level, the interviewer encouraged me to think along the lines. Then the discussion shifted towards databases, asked me about normal forms, why are they used, and advantages of non-relational databases over relational databases. The interview ended with a discussion about my projects and internships.

 Round 4 : Technical Interview
 This was a half an hour round. I was asked to explain how a bank like Wells Fargo would, for example, credit salaries or transfer payments to hundreds of thousands of people, having just half an hour till deadline. The interviewer wanted a basic overview of the kind of architecture, software and security would one implement to create such a model. Having some system design knowledge is useful for these questions, to understand how databases work, and how fast can data be transferred accurately. It is left

to the candidate to enrich the discussion as much as possible.

Round 5 : HR Round
This was a 10 minute round, basically just asking questions like, why would you want to join the company, how does it align with your goals in your career, stuff like that. If you reach this round, then you've got the offer.

Important Topics and Subtopics to Remember

Data Structures and Algorithms
C
Operating Systems
Networks
System Design

Sources of Preparation

GeeksforGeeks
InterviewBit
Any videos you can find on youtube for system design

Additional comments

the interviewers valued the way of communication a lot. Always keep talking about your ideas while solving a question, and be confident in your logic, if you can back it up.

Wells Fargo

Bangalore

IT
Program associate

Compensation Offered (CTC) : 20 LPA

B.E. Computer Science

CGPA: 7.43

Recruitment Procedure

It is a pretty comprehensive process. It is not just about CS knowledge but also about puzzles, problem-solving and your attitude.

Round 1: Online test.
This round has few coding questions of average difficulty. It also contains a puzzles and problem-solving section.

Round 2: Written-test
This round was a pen and paper test which had 2 coding questions and about 20 puzzles. The complexity of problems was a bit more than the previous round.

Round 3: Technical interview
Unexpectedly our technical interviews started at 11 pm on Sunday night.
My technical interview lasted for about 1 hour. It included discussion on my projects, DSA, OOP and other topics. We had in-depth discussion on the theoretical aspect of many DSA concepts ranging from sorts to hashing.

Round 4: HR interview
My HR interview lasted for 80-90 minutes(seriously?). And it ranged from the discussion on CV, POR to hobbies. Then I was given many situations and asked what would I do in such situations. They mainly revolved around team spirit, self-leadership, being able to look at the bigger picture, having a growth mindset. I was even asked to sell a pen to one of the interviewers although I was appearing for a technical profile. This interview was at 1 am on Monday morning so I don't think they were doing this just for fun.

Important Topics and Subtopics to Remember

DSA, OOP (in depth theoretical knowledge)

Sources of Preparation

geeksforgeeks.com , Cormen DSA book

Additional comments

Wells Fargo

IT
SDE

Hyderabad

Compensation Offered (CTC) : 20 LPA

B.E. Electrical & Instrumentation

CGPA: 7.24

Recruitment Procedure

Round 1: Online test - It was similar to Oracle's test with different sections ranging from coding questions to analytical skills. The time was enough to complete the whole test and difficulty was about 7/10 (keeping in mind test difficulty of all companies).
Objective coding mcqs covered almost all topics of CS including OOP, DBMS and 2 coding questions were present on Tree and LinkedList (These two topics are extensively asked in all companies so make sure you have solved these 2 from all popular resources because question tend to come similar).

Round 2: Written test - Pattern was similar to round 1 but less questions and high difficulty 9/10. This test had lot of non-standard puzzle based questions, few aptitude, coding mcqs (easy), and 2 coding questions - one on DP and other Backtracking. Time was not sufficient and I could only solve the DP one.

Round 3: Interview - I was asked in detail about my resume, then asked to solve the Backtracking question I left in the written round. After that few questions on OOP, trees. One of the tree questions was to print Alternate Vertical Tree (one column from top to bottom, then second column bottom to top and so on). Since my interview was quite long and exhaustive, I was sent directly to Round 5 HR round. (Other students who gave round 4 said they were asked questions on OOP and OS).

Round 5: HR - I was asked about my journey from dual electronics to coding and I why and how am sitting here today (be prepared for these standard questions). The two HRs even asked me about my previous interview experience. Then they were asking questions from my resume about football, singing etc.
Then they again raised question on my interest of coding as they saw a research paper on electronics (again, be prepared for every written word). I was able to give a convincing answer by pointing out its coding aspects and my internship in Data Science was a big plus.
In the end as all companies do, I was allowed to ask questions. I asked them about the work culture and how Wells Fargo India is different from its US branch and what all is curricular activities are there. They gave a nice response by saying "all the things you love doing as per your resume are there and you will very well enjoy your time along with learning".

Overall the whole experience was great although a bit tiring as it was the only company which conducted interview late night and the whole day before already had lot of tests and other interviews.

Important Topics and Subtopics to Remember

A very important elective for electronics students is OOP both in placements and especially in future. Apart from that, specifically for Wells Fargo- DP, LinkedList, Trees, Backtracking, Hashing was asked.

Sources of Preparation

GFG (must do coding questions), Interviewbit, any introductory book on C++ / Java would suffice.

Additional comments

As you will be briefed by PU anyways, still it is really essential to keep your health perfect. The season is extremely taxing with some sleepless nights. It is very important to keep your calm and compose and not give up. Most importantly, its best to keep your mind out of comparisons.

Xilinx

Electronics
Hardware ("Design Engineer")

Hyderabad

Compensation Offered (CTC) : 13 LPA

B.E. Electrical & Instrumentation

CGPA: 9.1

Recruitment Procedure

Round 1: Online Test
 Online Mcq test held in the CC. It had 3 sections - hardware(dd,advd,comparch; digital role), software(coding), aptitude. Aptitude was fairly straightfroward, with not much preparation required. As the company had come for software and hardware roles, they chose those who scared the most in each section for the corresponding role. Hardware related questions focussed mainly on comparch and DD, with some of advd as well. Coding questions (also Mcq) were outputs and some theory questions.

 Round 2: Technical Interview
 This round was held over video call, and we had to solve the questions on a white sheet of paper. The questions were again mostly focussed on DD, they asked questions based on k maps, flip flops, clocks signals (multiplier), multiplexer and few other topics that were covered in classes. They were solving questions which required basic application of concepts learnt in class. There were a couple of questions based on comparch also.

 The coding interview was very short, and I was asked (indirectly) about the 4 colour theorem and it's application.

 Round 3 (not really a round): HR interview
 This round was mostly for the hr team to talk about the job role and see about how keen I was to join. The company hires very few people and took a lot of precaution that those they hired would not decline their offers anytime in the future. They asked me a lot about whether I had alternate plans and if I was really a 100% sure I wanted to join the company. If I may be honest, convincing them was one of the harder parts of the process. I might have had an advantage of not having any option for ppo from why other kind of internship.
 But all the convincing turned out to be worth it, and I really like the culture at the company.

Important Topics and Subtopics to Remember

DD : flip flops and latches, multiplexors and demultiplexors, counters, k maps
 ADVD
 Comparch

Sources of Preparation

Class notes, online questions, questions by placement unit

Additional comments

Xilinx

Electronics

RTL Design

Hyderabad

Compensation Offered (CTC) : 20.63 LPA

M.E. Microelectronics

CGPA: 6.83

Recruitment Procedure

ROUND 1: This Round consisted of 3 sections namely Apti and Reso ,Technical(Digi+Analog) and C programming
 3 Direct Previous Year GATE questions came from Digital Section(FF and Latch related).
 3-4 Questions related to Opamp Parameters like Gain calculation and all
 Apti and Reasoning (Cubes Puzzle, Some Geometry Questions,Time and Work etc) .
 C programming was very tricky . The questions were maily from Data Structure (Link List) ,Operators and pointer . I had attended only 1 question in C

 ROUND 2 :It lasted for nearly an hour .The interviewer started with the formal introduction and directly jumped into my resume Headings. As my resume had some analog related topics so he directly jumped into Analog

 Part 1: This part listed all the basic stuffs related to Analog Domain .
 Differential Amps (1-How to vary Gain 2-Related to Gain BW Product 3-Importance of Phase Margin and Gain Margin 4-Impedance Adjustments).
  OpAmps (1-Difference between Current Feedback and Voltage Feedback 2-Offset related Discussions 2-Sizing parameters in order to design an OpAmp (Because it was listed in my project Work).

 Part 2 : This part covered discussions related to Digital Domain (Mostly From Digital Logic and FPGA Programmable Logic)
 Digital Logic :Basics digital questions related to ripple counter(He was more interested in Clear and Preset Pins), johnson counter(Using a JK FF) ,universal shift register (Block diagram with verilog Implementation), Latches (Metastability Discussion nearly 10 mins and how to get rid of it ?),Flipflops(Advantages and disadvantages of edge Triggering),Mealy and Moore implementations in Verilog and comparisons ,Frequency Divider(Divide By 2and 5 with diff duty cycles).JK Race Round Condition,What is Synchrounous reset ?

 FPGA : I had a project on Controlling a stepper motor module through Bluetooth by an Android Device by UART interfacing technique.
 I used Zedboard (Zync -7000 series).
 Few questions on UART working , How you performed division operation , About FIFO memory etc.
 Few questions on basics of FPGA like LUTs discussion, Device specs (In this they asked me about Xilinx Board ,Mainly they focused on Zedboard),Clock Domain crossing(Just the defination) ,FIFO related

questions(basic)

Part 3 : Again he came back to analog and asked . Mention any of your favourite circuit in analog domain in which you have worked on ? I answered "Switched Capacitor Current Reference"
(I had a Research Practice on this topic). Since the current source was resistorless and when I told to use the same current reference for Resistorless PLL he was very impressed and asked some questions related to the same . I used one low pass filter in the circuit . So some questions related to cutoff frequency ,unity GBW etc .

ROUND 3 : This was the HR Round . It lasted for about 20- 25 mins . The HR started with the introduction "Tell me something about yourself ". Then family background . Since I was having an internship in an other company he , was curious to know "Why do you want to join Xilinx ?".
Then he describes the work culture and ended.

Important Topics and Subtopics to Remember
- CDC
 - metastability Issue
 - Latch and FF (strong Basics)
 - Memory Interfacing
 - Static Time Analysis
 - Latched based Design
 - FPGA

Sources of Preparation
-- Behzad Razavi lectures for Analog .
 -- Morris Mano (latest edition) for Digital Circuits
 --Sequential Circuits (John F wakerly)
 --VLSI Design (Jan M Rabaey)
 --Delay (Neil Weste)

Additional comments

ZS Associates

Pune

Consulting
Decision Analytics Associate

Compensation Offered (CTC) : 8.93 LPA

B.E. Electrical & Instrumentation

CGPA: 7.25

Recruitment Procedure

There are 6 rounds, out of which first 3 are screening rounds, last 3 are interviews.
Round 4: Case study round
A long case with lots of data (charts and tables), you will have to calculate answers and present them logically
Round 5: HR round
Resume questions + generic HR questions, this is a stress round
Round 6: Fit interview
Final interview with a manager, they check if you will be a good fit for the company

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Important Topics and Subtopics to Remember

Case study, Resume building, Communication, algebra and stats (basic), technical skills (Excel, SQL, tableau)

Sources of Preparation

Case in point, case interviews cracked, pariksha portal by PU for maths

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Additional comments

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Additional comments

ZS Associates

Pune

Consulting

Compensation Offered (CTC) : 8.93 LPA

Business Operation Associate (BOA)

B.E. Chemical

CGPA: 7.37

Recruitment Procedure

Pre- Interview Presentation:

 ZS keeps a power point presentation, open to everyone, in which topics such as about the company, the work they do, the profiles for which they are hiring, specific work of each profile and their interview process is explained. It would be wise to pay attention to specifics of each profile and the work that is done under each profile since it helps in deciding for which profile to apply for and also helps in the interview round.

 Online Test:

Difficulty: Easy

 After the presentation, there is an online test. The test consists of simple situation based questions (eg. what is one challenging situation you faced in your life and how did you overcome it?). 4-5 questions on guesstimates are also asked (eg. how many tennis balls can fit into a flight?).

 Shortlisting:

 Shortlisting for interview round is done based on the online test. No CGPA based shortlisting.

 Interview Day

 Round 0 (Written Round):

 Difficulty: Moderate difficult

 Time: 30 minutes

 One case question will be given probably on choosing the best future plan for a company. Many subparts. You might feel there is a shortage of time. Focus should be on getting the calculations right along with attention to detail. Situational analysis and analytical skills will come in handy.

 Round 1 (Case Interview):

 Time: 20-25 minutes

 You'll have to explain the written case study to the interviewer. They'll probably ask just the answers to each sub-part and they'll gauge whether its correct or not. Hence, calculations need to be perfect because there is not much scope to explain your process. The interviewer will ask few more questions on the case as add-ons. Overall, easy to clear if you have got the written round right.

 Round 2 (Guesstimates and Puzzles):

 Time: 30-45 minutes

 The interviewer will ask few ice breaker questions such as things about yourself, why ZS?, why the

specific role you applied to and your expectations from ZS. This will be followed by 1 or 2 puzzles. Finally, a guesstimate will be asked. Your approach to guesstimate is what matters. They won't ask to calculate. You'll be asked out to map a complete guesstimate tree with as many segments as you can think and only be asked to guess number along one segment. Again, approach to segmentation and how you choose your numbers are the deciding factors for the interviewer.

Round 3 (Fit Interview)
Time: 25-35 minutes
This is the final round of interview process. Unfortunately, it's not a typical HR round. You'll need to take this round as seriously as the other 'technical' rounds. Initially if they feel that you were lacking in any aspect in round 2 (puzzle/guesstimate), you'll be given another round of similar questions. Then, they'll try to gauge your values, dedication, leadership qualities, focus on quality and other soft skills. Except some office based situations and how would you react to them. It's more of an interaction than an interview so just be true to yourself.

Important Topics and Subtopics to Remember
Guesstimates, Puzzles and Case Study

Sources of Preparation
Case Interview Cracked
Case in Point 7th Edition
Victor Cheng Case Interviews Videos (on Youtube)
Puzzles - GeeksforGeeks and InterviewBit
Guesstimate Compendium

Additional comments
Practice of case study is very important. You won't get much time to solve the case given in written round and hence you should be quick to grasp the problem statement and structure of your solution.

Knowledge about R/Python etc helps to make your resume stand out. It's a non-core company so they try to gauge you on your dedication and leadership skills also. PORs can come in handy to display that. Any extracurricular activity like PORs, sports, music, dance etc should definitely be mentioned in your resume. Don't leave them out as often questions are directly asked on them or can be framed around them even in guesstimate round (like you may be asked to calculate the number of badminton rackets sold in a year if you have mentioned badminton as a hobby). These things help you stay in your comfort zone as you have a general idea about what you are doing and whether the numbers make any sense or not.

The interviewers are very attentive to what you say. They make a note of almost everything you say. So don't say anything unexpected without thinking. You can take as much time as you want to think before answering. Have patience. The interviewers are extremely friendly and you don't need to be scared or be under any kind of unnecessary pressure. They'll put in effort to make you comfortable so keep your cool and don't panic.

ZS Associates

Pune/Gurgaon

Analytics

Compensation Offered (CTC) : 9 LPA

Decision Analytics Associate

B.E. Mechanical

CGPA: 8

Recruitment Procedure

Round 0 : Online Aptitude + Basic Verbal
round+ Video Recoding)
Difficulty : Easy
(Very easy to pass, No preparation required)

Round 1 : Case study round
Difficulty : Hard
(Different for the two roles :DAA and BOA)
(Case study will be very overwhelming and difficult to crack in 1 hour provided, Very similar to the ZS case study sessions they do on campus)
Try to see and understand every question because you won't get the time to write everything - You can then complete the case study in One of the Personal Interview rounds)

Personal Interview Rounds: .
(Difficulty : Medium but very long)
2-3 round of personal interview which are eliminating in nature and mostly without order
(Guestimates round, Case study round, HR) Hr might also have a Quant round for DAA
Guestimates : Case Interview cracked is the Bible, More you practice the better (Also Guestimates might be there in almost every company interview)
Case study round : Tough nut to crack, but try to answer all questions (Be descriptive and logical even if you don't know the answer)

HR : very basic (Why Zs, why consulting etc)

DAA might have a basic quant round too : They asked me to draw curves of mod(1-x^2) with various conditions and some series questions : Apti workshop will be enough for that

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Important Topics and Subtopics to Remember
1. Guestimates
2. Principles of Management, Marketing research

Sources of Preparation

1. Case Interview cracked, Victor cheng

Additional comments

See MECE approach : That's the key for everything
Be it case studies, guestimates or even interview questions

Just be logical and descriptive

ZS Associates

Pune

Consulting

Compensation Offered (CTC) : 8.93 LPA

Business Operations Associate

B.E. Electrical & Instrumentation

CGPA: 7.58

Recruitment Procedure

PPT :
This session is mainly organised to introduce us to the company and the kind of work they do, there future plans and what do they expect from us. This session is important in a way that it helps us understand about th company as well as the role they are offering which somewhere helps us in the interview round as well.

Case Study (Written test)
Duration : 1hr
It involved identifying the correct price for the product based on few parameters given. Few calculations based questions like finding profit/loss.

Interview Round 1:
Duration :15-20mins
Questions :
Tell me about yourself.
Some basic questions on my resume
Along with that questions on the case which we got in the previous round and few puzzles were asked.

Interview Round 2:
Duration : 30:45 mins
Questions :
Some questions on my resume.
Guesstimate on the sale of basketballs in one year in India. He asked me to pen down the phole thought process and tell him my approach.

Interview Round 3 :
Duration :20-30mins
Questions:
Very logical and basic questions were asked in this round. Question like "Why is the shape of soft drinks can cylindrical and not any other shape?"
Another question was "If you have to decorate the campus with lights during Diwali how will you do that?"
The interviewer was just trying to understand the thought process and logical thinking.

Important Topics and Subtopics to Remember

Practice of guesstimates and case interviews are very important. Puzzles should also be practiced fo a better understanding.

Sources of Preparation

Case Interview Cracked,Case in Point, A compendium of Guesstimates. YouTube videos also help you to get a better understanding of the above.

Additional comments

Your resume is the most important tool that you have based on which the interviewer decides the interview flow. Try to showcase your leadership and management skills through extra-curricular activities as it's important in a consulting role. PORs help as they show few of the soft skills that the companies in non-core are looking for.
 Apart from that practicing case studies as well as guesstimates is very important. Try solving them first before looking for answers. Also solving in groups is important because you get to know different approaches to solve a particular problem.

 For HR round questions like Where do you see yourself 5 years from now? or Why do you want to join the company? etc,you need to get a rough idea of what you're going to speak before actually going to the interview. This would help you give confidence while answering such questions in reality.

 Try to stay calm and confident during the whole interview process, your nervousness may lead you to say something unexpected.