

INNOVANCE 2k22

Career Conference

by IoT Lab, KIIT



Timeline of Conference

01

**Individual
Experiences**

02

**Resume
Discussion**

03

Live Q&A



NISHANT GIRI

(2020-2024 B.Tech, CSSE)

**Data Engineer Summer Intern
Providence India**

Recruitment Experience at Providence India

(On-campus) : Online Assessment



**Coding
Questions**

**SQL
Queries**

**Technical and
Aptitude MCQs**

- 2 coding questions.
- Duration of 1 hour.
- 2 SQL queries.
- Duration of 30 minutes.
- MCQs based on technical concepts such as DBMS, OOP, OS along with aptitude questions.
- Duration of 30 minutes.

Recruitment Experience at Providence India (On-campus) : Personal Interview



Technical Interview

- Questions from DBMS, OOP, Shell Scripting, and Web Development.
- Duration of 30 minutes.

Managerial Interview

- Managerial questions by placing oneself in various situations and being asked how one would respond.
- Duration of 45 minutes.

HR Interview

- HR and behavioural questions and about my knowledge regarding Providence Global Center, and why am I willing to join the organization.
- Duration of 15 minutes.



Microsoft



SWEEKRITI PANT

(2020-2024 B.Tech CSE)

**Software Engineering Summer Intern, Microsoft
2023 (accepted)**

Summer UnderGraduate Intern, Dell Technologies

Recruitment Experience at Microsoft

(Off-campus via Microsoft Engage 2022) (offer accepted)



**Candidate
Profile Review**

**Online
Assessment
Round**

**Engage
Program**

- Resume Shortlisting in 1st week of April 2022
- MCQ Round (based on DSA) - 10 ques 30 mins
- Subjective Round - 1 ques 30 mins (based on DSA puzzles)
- Selected as Microsoft Engage 2022 Mentee for May 22
- Project on Facial Recognition built during the program.
- Direct internship offered on the basis of the project in June 22

Recruitment Experience at Dell Technologies (On-campus)



Online Assessment Round

- Quiz having Questions on Aptitude , Reasoning , OOPs Concepts, DSA & CS fundamentals.

Technical Interview

- Focused on Resume
- Basic ML questions.
- Questions related to Projects.
- 25-30 minutes.

HR Interview

- Asked about Interests
- Reason to join
- Strengths & Weakness
- 10-15 minutes.

JPMORGAN CHASE & Co.



SAHIL SUCHARITA ROUT

(2020-2024 B.Tech CSE)

**Software Engineering Summer Intern,
JP Morgan Chase & Co. 2023**

Recruitment Experience at JPMC

(On-campus via JPMC Code For Good 2022)



Coding Round

- 2 coding questions on basic DSA.
- Carried out on HackerRank Platform.
- Duration of 60 minutes.

HireVue Interview

- 2 behavioral questions on HireVue Platform.
- Computerised interview.
- Duration of 20 minutes.

Code For Good

- 24-hour long hackathon to provide solution to problem statements given by NGOs.
- Direct internship offer based on performance in the hackathon.

Strategy Map

Inception	DSA + OOP	Algos like patterns, searching, etc.	HackerRank, CodeChef, LeetCode
Scaling Up	Daily coding practice	Enhance Problem Solving (Codeforces)	Core subjects like OS, DBMS, CN, etc.
Execution	Attend coding contests	Stay confident in your interviews	Stay active on your University's T&P Channels
Evergreen	Aptitude + Logical Reasoning	Verbal + Writing skills	



Microsoft



DIKSHA PRANJALI

(2020-2024 B.Tech CSE)

**Software Engineering Summer Intern, Microsoft
2023**

Recruitment Experience at Microsoft

(Off-campus via Microsoft Engage 2022) (offer accepted)



Candidate Profile Review

- Applied via the job opening on the Microsoft Careers page.
- B.Tech/B.E//dual Degree graduating in 2024 were eligible to apply
- Resume Screening in 1st week of April 2022

Online Assessment Round

- Round-1 (MCQ based on DSA) - 10 ques 30 mins
- Round - 2, 2 subjective ques 30 mins (algorithmic puzzles based on DSA))
- Selected as Microsoft Engage 2022 Mentee for May 2022

Engage Program

- A month-long mentorship program followed by project submission.
- Direct internship offer based on performance

HOW TO PREPARE?

- DSA and CS fundamentals
- Projects
- Clean and well structured Resume
- Staying active on Linkedin and Telegram groups



ANOUSHKA BOSE

(2020-2024 B.Tech CSE)

Summer Intern at Providence India

Contributor, GirlsScript Winter of Contribution 2021

GWOC Contribution Options



- For both newbies and professionals
 - Contribute to a selected repository under selected domains
 - Work supervised by Mentors and Supervisors
- Assistance to the contributors
 - Eligible to contribute in their respective domains
 - Answer questions, provide assistance and manage repositories
- Experts in open source
 - Creating the roadmap, sample topics and issues of a certain domain
 - Evaluate and merge PRs, as well as assist the team.

My GWOC Journey

Phase 1

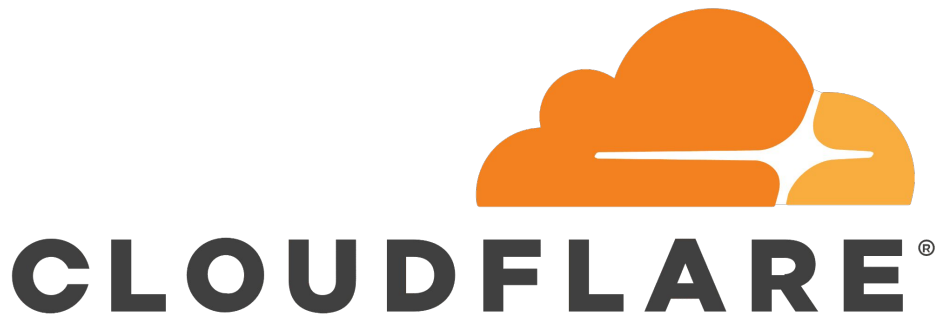
- I registered in GWOC for domains C/CPP and Frontend Web development
- Understood the roadmap of both domains

Phase 2

- Raised issues
- Created PRs to solve the issues assigned to me
- Got my PRs merged

Phase 3

- Got several PRs accepted by the end of three months
- Selected as a top contributor in the C/CPP domain



RAHUL BISWAS

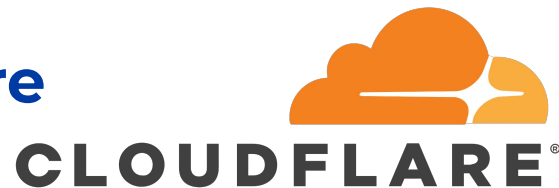
(2020-2024 B.Tech ETC)

Security Analyst, Imperva

**Systems Engineer Summer Intern,
Cloudflare (2022)**

Recruitment Experience at Cloudflare

(Off-campus via Cloudflare's Website)



**Candidate
Profile Review**

**Online
Assessment
Round**

**Final Offer
Letter**

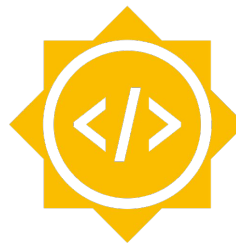
- Resume Shortlisting in 3rd week of May 2022
- Aptitude round (MCQs) - 15 questions, 30 mins.
- Profile specific technical round online test - 5 questions, 1 hour 30 mins
- Technical interview
- HR Interview in June last week
- 2 months internship offered as Systems Engineer from Aug-Sep 2022

Recruitment Experience at Cloudflare

(Off-campus via Imperva's Website)



- Resume Shortlisting in 3rd week of September 2022
- Skipped written rounds due to prior experiences at Cloudflare and Synack Red Team
- Technical Interview in October first week
- HR Interview in October 2nd week
- Final offer letter received in October 3rd week for the position of Security Analyst



Google Summer
of Code 2022



SAMARTH RAJ

(2020-2024 B.Tech CSE)

**Software Engineering Summer Intern, Atlassian
2023 (accepted)**

Google Summer of Code - 2022

Recruitment Experience at Atlassian

(On-campus Opportunity)



Coding Round

- 3 Data structure and algorithm questions to solve in 90 minutes.
- Topics assessed- Hashing, Binary Search, Segment tree.

Technical Interview

- 1 Data structure and algorithm questions are asked with other follow up questions..
- You are required to explain the code and write on any preferred IDE.
- Focus on writing clean code using proper function names.

HR Interview

- Project discussion and other behavioural questions.
- Discussion on other curricular activities in college.

Selection Process For Google Summer of code (2022)



Proposal
Submission

Result
Declaration

- A proposal briefly mentioning the project/implementation.
 - Prior contribution is a plus.
 - Be communicative.
 - **INTEREST**
- Selected contributors are announced.

My questions from 1st year

- Who is a coder ?
- What should I focus on DSA or Development ?
- Should I give up if there is no improvement ?



AKHOURI PRIYASHA

(2020-2024 B.Tech CSE)

**Software Engineering Summer Intern, Google 2023
(accepted)**

Summer UnderGraduate Intern, Dell Technologies

Recruitment Experience at Google

(Off-campus via Microsoft Engage 2022) (offer accepted)



Candidate Profile Review

- Resume Shortlisting in the first week of October.
- Make a clean and simple resume, make sure to use action words.

Technical Interview 1

- 2 Data structure and algorithm questions are asked.
- You are required to explain the code and write it on the shared Google doc.
- Focus on writing clean code using proper function names

Technical Interview 2

- Focus on higher data structures like Graphs, trees, tries.
- You can use any coding language of your choice.
- Try to think the solution aloud interacting with your interviewer.

Preparation Roadmap

Prep up

- Focus on upskilling yourself.
- Learn new stack and frameworks, work on projects.
- Start learning data structures.

Polish your skills

- Work on some significant projects.
- Look for internships, websites like AngelList and LinkedIn were my top picks.
- Start solving leetcode problems.

Deliver

- Prepare the core topics like os, dbms, cn.
- Visit career pages and start applying.
- Revise all you have learned and start giving mock interviews on online websites.

Resume Tips

Akhour Priyasha

LinkedIn: [linkedin.com/akhour-priyasha](https://www.linkedin.com/akhour-priyasha)

Github: github.com/nepria

Email: akhour.priyasha@gmail.com

Mobile: +91-9334634773

SKILLS SUMMARY

- **Languages:** Kotlin, Java, PHP, Jetpack Compose, C++, SQL, Bash
- **Frameworks:** SpringBoot, Laravel, CronJob
- **Tools:** Git, Postman, PostgreSQL, MySQL, Firebase, Android, AWS, BigBucket, Jira
- **Platforms:** Linux, WSL, Windows, Android Studio, IntelliJ Idea

EDUCATION

- **Kalinga Institute of Industrial Technology** Bhubaneswar, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 9.28 August 2020 - June 2024 (Expected)
Courses: Object-Oriented Programming, Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Databases
- **TalentSprint (Supported by Google)** Hyderabad, India
Women Engineers June 2021 - May 2023 (Expected)
Courses: Basics of Programming, Object-Oriented Programming, Data Structures, Advanced Algorithms, Business Communication

PROJECTS

- **Telegram Class Reminder**
(Backend development) *Sep 2022-Present*
 - **Implementation:** Developing a telegram bot which will send reminder of the class along with it's room to all the students registered automatically. Used the college's database for retrieving class timings of each students.
- **Vpn App**
(Backend development) [GitHub](#) / [Medium](#) *May 2022*
 - **Implementation:** Deployed Pritunl server on top of OpenVPN using AWS ec2. Added organization specific authentication using Firebase.
- **IoT Clubhouse**
(Android Development) [GitHub](#) *April 2022*
 - **Implementation:** Developed and deployed a project/team management native app used by 60+ users. Integrated Discord API using Javacord bot as a database along with Firebase.
- **Student Record System**
(Backend Development) [GitHub](#) *April 2021*
 - **Implementation:** Implemented a student record maintainer. Wrote the backend in SpringBoot using SpringDataJPA and PostgreSQL as the database
- **Pet Breed Detection**
(Android Development) [GitHub](#) *September 2020*
 - **Implementation:** Worked with a team of 5 members to develop a user-friendly website for pet owners and volunteer pet walkers by using Django framework and SQLite for storing the user input data.

HONORS AND AWARDS

- **Women Engineers Scholar'21:** Recipient by Google and Talent Sprint among top 100 students.
- **Mocfriend:** Co-Founder of a student run startup aiming to provide peer to peer mock Interviews.
- **Team Lead:** Android Team Lead of IoT Lab KIIT, training more than 20 students in java and android development.
- **Chess:** Bronze medal in Chess Nationals India, Gold in Jharkhand state Chess Competition
- **Marketing:** Marketing Member of IoT lab KIIT, organized more than 9 events in my university,

Action Words to use

Sample Action Verbs

accomplished	completed	familiarized	monitored	scheduled
achieved	composed	formulated	motivated	selected
adapted	concluded	gained	negotiated	solved
administered	conducted	generated	obtained	started
advised	coordinated	identified	operated	streamlined
analyzed	corresponded	implemented	organized	strengthened
arranged	created	improvised	participated	structured
assembled	demonstrated	increased	planned	supervised
assessed	designed	influenced	presented	surveyed
authored	developed	initiated	produced	taught
balanced	directed	instructed	programmed	tested
bargained	drafted	interpreted	promoted	trained
broadened	earned	interviewed	provided	transformed
budgeted	edited	introduced	purchased	translated
built	encouraged	investigated	recruited	traveled
calculated	established	maintained	reduced	updated
classified	evaluated	managed	represented	upgraded
communicated	examined	marketed	researched	utilized
compiled	explained	moderated	reviewed	wrote

Websites:- MS Word, Canva, NovoResume, Overleaf



Thank You

Let's answer your questions!