

# July CT Session Notes

## JobSeeker Career Transformation

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## JobSeeking Checklist:

- ☒ Finalize your job-hunting strategy
  - Fresher/Intern/Strong Prep/Open source/Nonprofits/Freelancing/Paid Experience
- ☒ Build a resume that market is looking for. Have 70+ score, or definately 60+, not less than that. Include keywords mentioned in JDs.
- ☒ Update your linkedIn profile to reflect your resume.
- ☒ Start daily JobHunting based on yesterday's strategy. Connect with HRs, Linkedin professionals. And strong followups with them, till you get results.
- ☒ Start posting value add technology content on your linkedin profile. So people would be interested to refer you and create opportunities for you
- ☒ Build a concreate plan, by what date & how you would get Job in IT.

# Day1 - How to get IT Job Overview

---

## Session Action Item:

Please do deep thinking and finalize your approach as what we discussed yesterday.

- ✓ All 2023 & 2022 passout,
  - then try on both Fresher & Internship opportunities
  - In parallel prepare yourself on Real project technology & How projects are build in real time company
  - If you are prepared 60% on this, then you can apply below techniques (mentioned for 2021 or earlier)
- ✓ All 2021 or earlier passout:
  - You cannot try as fresher. Make arrangements for getting experience and you have to position yourself as experienced candidate in market & try.
  - Prepare yourself on Real project technology & How projects are build in real time company
  - Once you get 60% knowledge on tech, then you can try any of below approach
    - ✓ NonProfit, OpenSource, Freelancing
    - ✓ Pay money in market and get realtime working exposure & experience certificate, and put that in resume, and hunt accordingly.

Note, Market would consume Experienced candidates more easily than fresher

## Session Notepad Notes:

Jul JobSeeker Career Transformation  
Step-by-Step system for getting Job  
Starts, 3Jul, 9:00PM

3 Week Program: (You should get Job)  
US VS "IT Industry (1000)"

:Attendance:

- Questions
- Daily Session Notes (Whatsapp/Email)

3Week, Mon-Fri, daily 9PM (15Days)  
(Same zoom link all through)

Week1:  
Effective Resume (86 + A Grade)  
Right JobHunting techniques  
    "20%"  
    "80% Jobhunting"

Week2:  
RealTime Project & usecase  
Cracking the Interview  
Preparation:

Week3:  
How to work in Realtime Industry: (Dev perspective - FrontEnd & backend)  
    Agile  
    Jira  
    BitBucket  
    AWS

Passout from college (2023)

**\*\*How you want to position yourself in IT Industry?\*\***

- 1) Initially try as Fresher or Intern (2021 or earlier)
  - this approach doesnt work for you
- 2) Parallely start preparing.
- 3) If you are prepared on how project works, then try 4th or 5th step
- 4) Other opportunities:
  - Non Profit orgs.
  - Open source projects
  - Freelancing opportunities
- 5) COmpanies:
  - Pay them amount - Realtime work exposure

- "Working experience letter"

- Start looking as Fresher (3Month)

- INTERNSHIP (PAID / FREE)

- Preparing

- Core technologies: Core/adv

- Framework - realtime project happen

- Spring, spring boot, microservice, ORM

- Coding knowledge

- Project knowledge & Logical thinking

- Communication - Explaining project

- How project happen in realtime industry

Other opportunities:

- Non Profit orgs.

- Open source projects

- Freelancing opportunities

COmpanies:

- Pay them amount - Realtime work exposure

- "Working experience letter"

6Months - 9Months

:2022/2021: Realtime framework

1y - 3/4month

# Day2 - Effective Resume Building

---

## Session Action Item:

Build an effective ATS-compatible resume with skills & responsibilities that the market wants.

86Score Resume Reference:

[https://drive.google.com/drive/folders/1DpFGg1-hk5GzpXV5K2UWPMTz3mUzf6n3?usp=drive\\_link](https://drive.google.com/drive/folders/1DpFGg1-hk5GzpXV5K2UWPMTz3mUzf6n3?usp=drive_link)

Please apply below approach:

- ✓ Explore more resume & ATS here: <https://www.jobscan.co/>
- ✓ Download 86 Naukri score resume in your local file and make modifications to it.
- ✓ After every modification you do, measure score in naukri. And if the score drops big, then recheck your modification.

<https://resume.naukri.com/resume-quality-score>

- ✓ For modifications, use, ChatGPT & JDs mentioned on online job portals.
- ✓ Put one project mandatory. And skills, try to check based on what ChatGPT & Market wants. If you are not aware of some skills, then immediately take 1 week short course and learn that.

All the best

## Session Notepad Notes:

Day2: Effective Corporate Resume Building  
Starts, 9:00 PM

- 1) Think from the perspective of company.
- 2) Study 10 JobDescription - Java fresher, java 1yr, python fresher, python 1 yr, react fresh, 1  
Skills  
Roles & Responsibilit

Summary of 70% commom skills & roles & responsibilites  
SShould be there in your resume.

When JobPots happening, then for many there are more than 2000-3000 applications for 1-2 job postings. That is market situation.

Major concerns with apply modal of JobHunting

- Companies post jobs on Naurki & other job portals.

Job Description: Fresh java developer - skills/roles

- For this Job post, many applicants would apply. Many a times, 2k-3k are observed.

- Its practically not possible for HRs to go through so may profiles.

- Also, Hrs might be going through multiple other job hiring

PHP dev, node sever, devops

- So companies has automated ways to process and get relavant profiles

- Companies use ATS (Applicant Tracking System).

ATS

75% of applications get discarded - not even going to HR.

ATS: What application pass successfully through ATS & reach HR?

- 1) Keywords mentioned in resume

hard skill or softskill

- 2) Designation would be checked. What is in resume & where you are applying

- 3) Resume structure

- No table & column

- No header & footer

- Clear section titles

- No graphic, no colurs, no photo

- Font size, font style, line spacing - Keep it proper.

- 4) Eduction & degree

So its IMPORTANT to build a resume which can pass through ATS. And then easily understandable by HR. So you would get shortlisted.

Create a resume scoring 86 on naukri.

70+

60+



How to build resume effectively:

- ✓ Explore more resume & ATS here: <https://www.jobscan.co/>
- ✓ Download 86 Naurkri score resume in your local file and make modifications to it.
- ✓ After every modification you do, measure score in naukri. And if the score drops big, then recheck your modification.  
<https://resume.naukri.com/resume-quality-score>
- ✓ For modifications, use, ChatGPT & JDs mentioned on online job portals.
- ✓ Put one project mandatory. And skills, try to check based on what ChatGPT & Market wants. If you are not aware of some skills, then immediately take 1 week short course and learn that.

Some ChatGPT Statements: Further use it smartly:

=> Write professional summary for java fresher, knowing core, advance java, oracle, spring boot. Also include key words added in majority of Jobdecriptions for java fresher.

=>include some action verbs and some metrix which showcases my skills

=> Write skillset required for java fresher, to include in resume. Consider industry tools & softwares and working in AGILE approach

25% HRs

Next Steps

Screening calls => Arranging Interview =>

\*You should become what the company wants\*

# Day3 - Job hunting technique - Part1

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## Session Action Item:

- ✓ Update your linkedIn profile to reflect your resume.
- ✓ Start daily JobHunting based on yesterday's strategy. Connect with HRs, LinkedIn professionals. And strong followups with them, till you get results.
- ✓ Start posting value add technology content on your linkedin profile. So people would be interested to refer you and create opportunities for you

## Session Notepad Notes:

Job hunting technique to get guaranteed Job.  
Start 9:00 PM

Job Hunting:  
-----

- 1) How you position yourself.
    - 2023 & 2022 - fresher / Internship
    - 2021 or earlier - Fresher
    - Preparing on framework + project
    - Opensources / NonProfit / Freelancing
    - Paid work experience
  - 2) Resume the way market wants.
    - ATS, good score
    - All keywords included in Jobdescriptions
  - 3) Build yourself, so you can talk what resume says
    - Whatever you resume include, you need to be able to speak during interview.
  - 4) Job Hunting:
    - Apply modal - "5% of jobs"
    - 95% of assurance of getting job
- 1) Search job on job portals

Naukri (JD)

2) For daily 10 companies - Deep dive into

(1)

What company you are applying

Company website

Company LinkedIn Page

Company contact emails

Company numbers

3) Explore other jobs on company page or linked Page

4) Drop email to that company that you have applied.

"Message"

5) LinkedIn Page / People, all employees working for that company

You & Team (what is common)

Same college

Common linkedin connection

From your same region

Design (java)

3 people

"10% chances of success"

10 connect - 2 accepting

Day1:

10 Companies

3 connection req

30 Connection (4-5-6 might accept)

1 Reply

10 Company

30 connect

3 replies

1 Week.

10 new connection with you who are responding to you.

Followup System

Reach out 5 times, then people respond.

Strong LinkedIn profile

1) LinkedIn profile like your resume

2) Activity

# Day4 - Job Hunting Part2

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## Session Action Item:

On Daily & Weekly basis, track below items on how your JobHunt is progressing. It would help you to understand what needs to be improved for better

- ✓ Number of companies tracked
- ✓ Number of connection requests sent
- ✓ LinkedIn total connection count
- ✓ "Responding connections Count  
(Some positive repo established with some to & fro)."
- ✓ "Responding HR count  
(Some positive repo established by some to & fro)."
- ✓ Followups sent (Fix 1 day a week - Monday)
- ✓ Updated profile on job portals (Tuesday & Thursday)
- ✓ How many networking events attended. Target monthly 2
- ✓ How many screening mail / calls attended
- ✓ How many interviews scheduled & Attended.
- ✓ Final Success / Reject / NoResponse
- ✓ LinkedIn Tech Posts updated

## Session Notepad Notes:

Day 4: Job Hunting Part 2  
Starts 9PM

- 1) Left over message topics from yesterday
- 2) How & where to apply
- 3) Some more techniques by which more job opportunities can be created.
- 4) How to implement all these things consistently till you get results.
- 5) Using ChatGpt for job hunting.

- 1) Left over message topics from yesterday
  - Applying via email
  - Cover Letter (content)

## 2) How & where to apply

Fresher:

Hirist - <https://www.hirist.com/>

First Naukri - <https://www.firstnaukri.com/jobseeker/registration?othersrcp=header>

Internshala registration link <https://internshala.com/registration/student>

MNCs (Offcampus)

"TCS Ninja", "TCS NQT" - Can apply for more places

Infosys - "InfyTq" - hackathon

Wipro: "Wipro elite national hunt"

TechMahindra: "Elevate hiring program"

Accenture fresher drives

LinkedIn Pages where fresher job posting is happening.

Experienced:

Naukri <https://www.naukri.com/mnjuser/homepage>

Vasitum <https://vasitum.com/>

Indeed <https://in.indeed.com/>

Placementindia <https://www.placementindia.com/>

Monster <https://www.monsterindia.com/>

Timesjobs <https://www.timesjobs.com/candidate/updateprofile.html>

Glassdoor

AmbitionBox

Google: java fresher jobs in india

## 3) Some more techniques by which more job opportunities can be created.

- Networking events - meet other people.

  - Linked "Events" for your technology

  - Google upcoming java jobseeker events in your city.

  - ChatGPT, how to find jobseeker events

- Coding competitions / Hackathon

- hiring <technology>

## 4) How to implement all these things consistently till you get results.

KPI - "Key Performance Indicators"

# Day5 - Your Job Seeking Action Planning

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## Session Action Item:

✓ Prepare a concrete JobSeeking Action Plan. Define exactly by what date you want to get a Job. Also define a concrete set of actions you would need to do on a daily & weekly

basis, for getting your Job.

✓ Define & strongly follow the action plan. Anywhere you are getting delayed, then know that your Job getting a date will keep further pushing in the future.

## Session Notepad Notes:

Today topic:

YOUR JOB SEEKING ACTION PLANNING

&

Week1 Summary

Start 9:00 PM

-----

Action Strategy:

We want Job - Technology

Getting into the mind of IT Professionals & HRS

Job Hunting strategy

Followup with them.

What you should do daily by which below results will come. KPI (Your daily action to be done for getting job)

How many followup, direct apply, connection

ChatGPT - Give more techniques for getting job

"Give me 20 unique ideas for getting a job as a Java fresher developer in a recession market within 1 month"

"5 screening calls per week" - 20

"15 July"

How many screening calls required for you? - 20 Screenings  
Emails / HR Calls

How will you give 10 interviews a month?  
15 Mid Aug

How many interviews should you attend in 1 month? - Prepared (10-interviews)  
"Aug end"

You get to give 5 numbers of interviews with positive results, so 1 offer letter will come.

I want a job today?

"2-3 months"

- Come up with your ACTION PLAN for getting a guaranteed job in how much time.

- Track your plan.

"15 Jul", new dates

Deadline (Goal)

1) IDEAS

2) AMOUNT OF ACTIONS

1) Finalize your Job Hunting Position

2023-2022:

FRESHER+INTERNSHIP

PREPARE THEM SELVE ON IT REAL WORK FRAME / CODING &  
other actions

2021 or earlier:

Real work preparation should already be there.

NonPROfits/OpenSOurces/Freelancing/INTERNSHIPS

PAID EXP

2) Build resume

ATS compatible

JD keywords

And that what the market wants (ChatGPT)

Score it good.

3) LinkedIn to reflect like your resume

- Daily technical posting on linkedin

4) JobHunting

20%: Apply Modal (less than 5% jobs come with apply modal)

80%: Alternate way of getting IN

HR emails / LInkedIn connection

Followup



# Day6 - Deep Dive into Realtime Usecase!

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## Session Action Item:

- ✓ Realtime projects should sound big when you showcase in the project.
- ✓ Always start by discussing high-level architecture.
- ✓ Have a web-based project, with both UI & Backend functionality in your project.
- ✓ Have a project with Framework in it. Only core projects don't give the right feel during interviews.
- ✓ If you say you worked on realtime, then have good knowledge on how the deployment & testing happens on infra.
- ✓ Have strong core understanding on how APIs work.

## Session Notepad Notes:

Week2: Realtime usecases & Interview cracking!

Day6 Topic: Deep Dive into Realtime Usecase!  
Start 9:00 PM

Technology -

Realtime features / requirements can be implemented in any technology

Some concepts in IT industry which are again technology neutral

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Caching

Database - SQL / NoSQL

Async process - Amazonn SQS, Kafka, ActiveMQ

Scheduled Jobs.

Software professionals

-----

"API"

-----

Frontend dev - Backend dev

Separate project

Frontend code would be in separate repositories

"API"

Backend project

Backend code would be in separate repositories

"Where does your final code run" - Infra

Cloud based solutions - AWS/GCP/Azure

On premises

AWS:

(1) EC2 machine: 2core - 4GBRAM - 200GB

Front code deployment

Backend code deployment

Framework

(1) machine for frontend ()

HTML/CSS/Javascript

Angular or React

(2) machine for backend

Core/adv...

Python....

Web framework: Spring, Spring Boot, Django

Domain needs to be purchase:

xyz.com (GoDaddy, namecheap, Cloudflare)

xyz.com : Frontend machine (public IP) - AWS

[AWS] - frontend

backend

1) External request coming to AWS

- xyz.com (UI assest)

- Request

"NginX" / "AWS Gateway keeper"

1) Browser React Code is running

"UI - Backend"

Website is visible in browser:

Ui - backend

API (Endpoint) - I can call / Invoke

NginX

xyz.com/aisfisadhsauid ; froent

xyz.com/api/\* - backend

JSON culture (Req & response)

API:

Which endpoint to call?

What is the request structure

What is the response structure

"UI - Server" -

backend java/python/node - API development

fontend - will invoke & use it.

<https://xyz.com/api/login>

Request structure

```
{  
  name : "<entered in browser>",  
  password : "<entered in browser>"  
}
```

API Call.

HTTP Codes: (200/4\*\*/5\*\*)

Response - Success / Failure

```
{  
  status : "SUCCESS / FAIL",  
  failedCounter : 2  
  errorCode:  
  errorMessage:  
}
```

# Day7 - Realtime project - Part2

---

## Session Action Item:

- ✓ Read Trustly integration document end-to-end.  
<https://eu.developers.trustly.com/doc/docs/ecom-accept-payments>
- ✓ Develop strong understanding of functional payment flow.
- ✓ Get familiar with Deposit API, authentication, and handling notifications (callbacks).

## Session Notepad Notes:

How to arrange realtime project in your resume?  
Start 9:00 PM

API

"Trustly Payment Integration"  
----

"1 project mandatory in your resume"  
=> "Self Project / 2-3 project"

=> INTERNSHIP (Passout from college)  
Realtime techno  
Realtime way of working / Process  
=> Exp

YOu need to have solid understanding of what we are discussing.

- 1) For which company you worked for that project  
Your Internship / Exp company
- 2) For which client you did the project
  - Product
  - For some client you have developed the project  
Name

"Trustly Payment Integration"

"Payoption on the checkout page for website"

Client: Any website, which accepts payment right now.

- payment method  
CC / DB, Netbanking, Paypal,
- Trustly - 2 months in future

Trustly operates in: "European"

Austria, Belgium, Croatia, Czech Republic,  
Denmark, Estonia, Finland, Germany, Greece,  
Lithuania, Latvia, Netherlands, Norway, Poland,  
Slovakia, Spain, Sweden, and Great Britain

Some websites operating in Europe & accepting payments.  
Ecommerce

Asking ChatGPT:

Give me 10 websites operating in "European" market,  
in travel domain which uses Trustly

Boozt - [www.boozt.com](http://www.boozt.com)  
Footway - [www.footway.com](http://www.footway.com)  
Zalando - [www.zalando.com](http://www.zalando.com)  
ASOS - [www.asos.com](http://www.asos.com)  
H&M - [www.hm.com](http://www.hm.com)  
MediaMarkt - [www.mediamarkt.com](http://www.mediamarkt.com)  
Ellos - [www.ellos.com](http://www.ellos.com)  
Spartoo - [www.spartoo.com](http://www.spartoo.com)  
ePrice - [www.eprice.it](http://www.eprice.it)  
Unisport - [www.unisportstore.com](http://www.unisportstore.com)

<https://www.boozt.com/dk/da>

Its operates in European market.

And We were focused on Denmark country.

Danish is the primary language.

My company tool technical development work for boozt.com. We are one of the vendors. They have development team in others places aswell.

However for trustly payment integration, they gave the project to your team.

Where are the other vendors?

COde: In our control we did coding for trustly payment integration.

However the rest of the merge of this with Ecommerce those guys did it.

-----

What is trustly?

How have you guys implemented it.

1) Trustly provided us API document for integrating with our system.

<https://eu.developers.trustly.com/doc/docs/ecom-accept-payments>

Trustly is a wrapper of banks

"APIs"

amazon.com/cart (Merchant)

Trustly(TP/Thirdparty) - click

You get redirected to "trustly page"

"List of banks operating in Europe"

Customer chooses bank & makes payment

Success

FAILURE

How the success & failure would be informed to your amazon.com system

1) Browser redirection - SuccessPage & FailurePage

We cannot rely on browser redirection:

1) What is customer internet goes off when he completed payment successfully?

2) Browser urls can be tampered by users.

For customer userexperience

What you should do, for Success & what for failure?

amazon.com????

NotificationURL / Callback uRL

(API endpoint) - Expose an API

API Communications:

- 1) Your UI invokes your server  
When customer clicks Trustly in browser
- 2) You backend calls Trustly Deposit endpoint
- 3) When Trustly calls your notification/callback endpoints  
Credit/debit

APIs has to be secured. Validation.

# Day8 - AI tools - Planning your IT Career Future

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## Session Action Item:

- ✓ Market has already multiple AI tools, which improve fast development skills. Eg: ChatGPT, GithubCopilot, IDE AI plugins. Its required to be aware of the future trend, and keep working towards it, to be ahead of the market.
- ✓ Use these AI tools sensibly, if you use it too much, your logical thinking and problem-solving would get affected. Which would have consequences for you in the future. So don't overuse or underuse it.
- ✓ What a developer can do in 2 days, using these AI tools, they can do it in 1 or 2 hrs. So you cannot avoid it. Learn and be ahead of the game.

## Session Notepad Notes:

Day8/15:

Technology Curve + Core Essentials

Starts 9:00 PM

"For you full IT Journey"

Trustly:

---

Requirements

-----

"Technical development"

ChatGPT: We were able to code in shot time.

GitHub Copilot

//load value xyz from database table t\_name, and field f\_name from oracle database

...

...

..

..



..  
..  
..  
.

English as a programming

"Logically thinking"

----

"Architecture knowledge" - System design

"Ability to understand requirement & put it into code using AI Tools"

"Management roles"

"Eye on what is upcoming in the market"

-----

"Core principles - your mentality while you are in industry"

"You have to be GOOD"

- 1) Always deliver more than what is expected from you.
- 2) All throughout your life, you work only for yourself.
  - "Always GIVE YOUR BEST at work"
  - "Same company or different company"
- 3) "Daily Upgrading yourself"

# Day9 - Cracking Technical Interview - Part1

---

## Session Action Item:

- ✓ Please check with ChatGPT, on what to expect in every round based on your technology and how to strongly prepare on that. Screening discussion, Written Coding test, Telephonic/Video/Video recording, Technical rounds - 2 rounds , Managerial, HR round
- ✓ Plan your skill upgrade preparation in each of the below area: Core, Framework, Coding, Project & logical thinking, Communication
- ✓ Daily plan working 10hrs a day, 6hrs preparation, 4hrs jobhunting (Using 80-20 modal, which we discussed)

## Session Notepad Notes:

### Session Notes - How to crack Technical interview

How to crack Technical Interviews  
Starts 9:00 PM

ATS

- 1) Screening - 5/10mins
- 2) Written Coding test

To the technical panel  
- only right candidates should go  
Telephonic/Video/Video recording

- 3) Technical rounds - 2 rounds
- 4) Managerial
- 5) HR round

- 1) Screening - 5/10mins
  - Is the candidate meeting JD
    - Skills & roles
  - Confidence is the key

- Notice period - 15day/1month. 45days/ 2 months/3months
- Currently sal, expected salary
  - I am really good, and iw oul db e ok with company standards. 3lac-5lac

All the rounds

Written

technical - 2

Manager

HR

Would I like to work with this candidate on daily basis

Confident

Decidated / committed

Energctic

1) Competancy -

Can this person do the job.

Do you have right skill and are you capable of doing the job.

2) Stength based

- Is he willing to work for this job.

Competancy

-----

1) Core technology knowledge

- theory + code wise

2) Coding knowledge

<https://www.freecodecamp.org/news/the-most-popular-coding-challenge-websites/>

<https://codesignal.com/developers/>

<https://www.geeksforgeeks.org/>

<https://careercup.com/>

Method (takes inputs, and what output expect)

Testcases (5 testcase)

```
add(int a, int b) {
    if (a==2 && b == 5) {
        return 5
    }

    return a+b;
}
```

TC1: 2, 3 = 5

TC2: 1, 4 = 5

5-10 testcase

3) Framework knowledge

4) Project knowledge

Identify 10 Core concepts of that framework

Think where you can say, you applied in project.

"10 scenarios"

0) Spring dependency injection

1) NoSQL Mongo

2) Caching Redis

3)

5) Communication skills

The ultimate roadmap to learning

<https://roadmap.sh/>

# Day10 - Cracking Interview Day2

---

## Session Action Item:

- ✓ Study each of the idea discussed in session, and implement it as part of your JobHunting strategy.
- ✓ Plan on PreInterview activities, During the Interview basis & After interview disciplines.

## Session Notepad Notes:

Interview Cracking Tips - day2 Starts  
9:00 PM

Pre interview

1. Interview wants to hire you. But good people. Interviews things, daily 8 hrs with you - is that ok?
2. Interview might hire someone who is equal or better than him.
3. Testimonial file. Promotional file.
4. Check them on linkedin/website..
5. Care about how you dress / look.

On the day of interview:

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- 1) 10 mins earlier.
- 2) Whoever you meet there, be confident, & end-to-end treat people with smile and give them importance. Form your fist step in company till last step.
- 3) Put yourself in attitude to crack the interview.
  - Avoid your phone.
  - Positive talk with yourself.
- 4) High level of enthusiam.

-- During the Internet

Can you do it (Capability)

Do you want it? (Enthusiam to work)

Can you give me an example where <so-so>

5 types:  
Leadership,  
Creativity,  
Organizing & productivity  
Motivation to work  
Problem solving.

STAR modal

-----

S: Situation

T: Task

A: Action

R: Result

Common question:

1) Tell me something about yourself.

You name, <fresher/duration-internship/1yr exp>

extensively work upon

<primary skills that is there for that role>

having expertise in

<roles/ highlights> jd.

<1 statement passionate for work>

<I am really lucky to have worked on exciting thing>

<10 usecase>

<I am very much happy to be here in this interview with you.. and looking forward it>

2) What is your biggest weakness

<tell your weakness> - it should not be damaging to the role that you are applying

- What are you doing to overcome that weakness

- success story, that you were able to get over it.

- I am really improving.

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In the past, I was slightly ""

Earlier alone everything - thought

Later team player attitude.

recent success story.

Speaking in front of big audi

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3) Why do you want to work with us

- emotional connection - shot incident.

4) Why did you leave your previous job

- no negative about previous

- my current project will end soon.. and they are asking me to relocate to another city.

- but right now.. my family dependency is all here. So i want to have here. And i feel, working with more people, projecct, skills, would help me grow faster.. so i am really excited for the opportunity.

5) Do you have any questions for me

- what is the work culture here. how are the people. how is working here on a day-to-day basis.

- When i join here, what do you want me to focus upon in the 1st month at work, so i can delivery more value to the system.

7) What is the most challenging thing that you have done.

- memory

- concurrancy

- database getting slow

On the day of interview

After the interview

# SpecialGuest - Realtime project Development

## - Core fundamentals.

---

### Session Action Item:

Please explore on below areas:

- ✓ NginX - Why & How?
- ✓ Evaluate & analyze Service-Oriented-Architecture, Microservice architecture & Serverless architecture.
- ✓ Repository structure & standards
- ✓ Deployment in Cloud/Infra & testing.

### Session Notepad Notes:

A LIVE demo on how project is build in RealTime was discussed.  
Its available in recording which is uploaded.



# Day11 - 10 Core Principles of IT Career Success

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## Session Action Item:

- ✓ These 10 rules would make you massively successful in your IT career & Life.
- ✓ Write down these 10 rules on paper, and stick them on the wall where you do daily work.
- ✓ Daily keep reading it, and include it as part of your life.
- ✓ Do a strategic planning, on how you can include this in your life. Prioritize and work on them.

## Session Notepad Notes:

Week3: How to work in Realtime Industry  
Day11: 10 Core Principles of IT Career Success  
Starts 9:00 PM

### 1) Becoming an A Player

A Player - Leaders - take responsibility  
B Player - Exceed expectations - Self motivated/talents  
For themselves

C Player - Only meeting expectation

D Player - Not meeting expectation

### 2) Every year, look ahead for next 2 years. And grow yourself accordingly.

### 3) "Work - Life Balance"

Boundaries of Time

"10-7 working time"

"Outside office hrs - Life"

Over do it. 9 hrs, 12 hrs, 14hr day

"Work - Life Success"

### 4) All throughout your life, Constant Book Reading & Constant Skill upgradation.

5) 0-5 yrs in IT, extreme hard work.

6) No 2 years of your IT should be the same.

7) All throughout your life you work only for yourself.

--

8) Build strong bonds with growth minded people. Dont hangout with negative minded people.

9) Everything is my responsibility attitude

10) 8 Pillars of life success:

Financial & Career Goals,

Personality Goals,

Health Goals,

Family/Relationship Goals,

Knowledge Goals,

Spiritual & Peace & Kindness Goals,

Fun & Entertainment,

Giving back to society.

# Day12 - IT SDLC & Agile

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## Session Action Item:

- ✓ Strong knowledge of SDLC & Agile, would get you to be more confident during interviews. And would help you greatly at work.
- ✓ In this session, we discussed multiple phases by which projects are developed.
- ✓ Be very clear with all terminologies & end-to-end processes. And have confident clarity of how work happens in IT.

## Session Notepad Notes:

Day12: IT SDLC & Agile 📅

Starts: 9:00PM

Standards way of sw development

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SDLC

Agile - Scrum

AGILE: Way of software development

SDLC:

Requirements (Service/Product)

- "Product Owner" / "Product" / PO

Technical Team

1-ScrumMaster

1-2 UI Dev

2-3 Servers

2-QA/Testers (Manual + Automation)

Refinement meeting

/ Grooming meeting

/ Requirement Gathering meeting

=> Requirements will be explained from PO to Tech Team

Requirements should be written - Jira

PO writes requirements in Jira userstory & gets in a meeting with Tech team for

- PO - Tech team, together discusses & finalizes requirement.

Estimation - How much time it will take to finish this requirement.

- You should be clear with requirement
- Highlevel how you will implement the requirement

2days

High level design of application - Seniors

Architecture / flow will be finalized.

Microservices/SOA/MVC/SOLID

Low level design discussions

How DB table

Classes

Avoid rework

-----

Coding

"3Amigo discussion"

1-UI develop

1-Server dev

1-QA

How to work - code:

1) Any API should be freezed/agreed upon

UI / Server / QA

xyz.com/payments/id

Req

Res

Success/Failure, errorcodes

2) Parallel independent coding

2.1) UI continues with development - Mocks

2.2) Server continues independent development - Postman / CURL / ....

Unittesting should be done

2.3) QA - Testcases => Testcase review

2.4) Devops dependency (NonPROD[Dev/QA/UAT] / PROD)

3) Dev Integrations

UI - Server complete the work in local machine.

Agree for deployment for dev testing.

"Server deploys his code in dev environment"  
"Ui from local machine connects to dev environment"  
- does basic testing removing mock.  
"Ui deploys his code on dev environment"

"GitBash" - SSH, SCP  
MobaXterm  
Putty  
Winscp  
Mac/Linux: Terminals

UI - Server together tests full feature  
based upon requirement given in Jira

commit code and open for Review (TechLead)  
...  
After approval

-- Tester (QA env)

"APIs would be accessible"

CI-CD Devops

project management tools - Jira / Asana / Microsoft Planner

GoLIVE happens

GoLIVE (Production)  
LIVE customers / End users

7 member

Technical Team

# Day13 - How to Work in Company - part1 (JIRA)

---

## Session Action Item:

- ✓ Understand AGILE way of software development.
- ✓ Use tool like JIRA during Agile implementation.
- ✓ Be clear on user-story & how story-pointing to happen.

## Session Notepad Notes:

Day13: AGILE - Deep DIVE

Start: 9:00 PM

How work happens in IT Industry

SDLC - Agile (SCRUM, Kanban, ScrumBan,...)

:AGILE:

Work in timeslots: - "Sprint"

2 weeks. You have to decide in 2 weeks, how many requirements can be implemented.

100 required

"3 requirements - 2 weeks" => DEMO

=> GoLIVE

PO write requirement in Jira  
Arrange in order of development

Product backlog  
1. xyz

2. prq
- 3.
- 4.
- 5.

in 2 weeks, how many features will be developed - Spring Planning Meeting.

PO - gives requirements in Jira

IssueTypes

EPIC, UserStory, Task, SubTask, Bug

UserStory: PO Requirements

Task: Requirements coming from Tech Team.

UserStory:

-----

1 liner statement which clearly says the functionality to be developed

As a <User>

I want <what functionality>

So that <Why>

2) Acceptance Criteria: Positive cases & negative cases.

3) Mockups / Wire frames - Desktop, Mobile responsive

4) Question / Clarifications you need to have.

-----

Estimation: StoryPoint Estimation

1 2 3 8 13 21

Time will it take.

UI + Server + QA testcases + testing

1d + 1.5d + 0.5d + 1d = 4man

"Your requirement & highlevel design should independent from sprint cycle"

Before Spring Planning Meeting: - DOR (Defination of Ready)

- Requirement should be clear - All clarification should no open questions

- Highlevel approach should be finalized
- Story point estimate

-----

Plan for sprint

-

"4 man days"

Amount time: <man days> / 2: 2

Complex: 0.5

Risk: 0

2 + 0.5 + 0

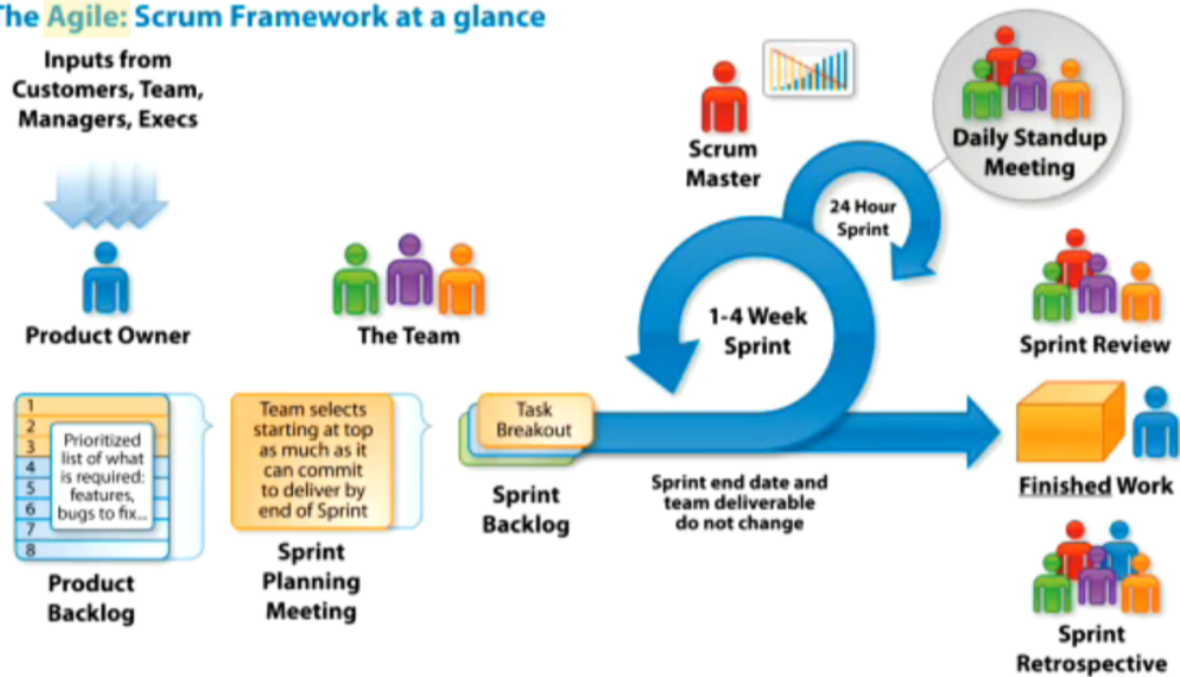
2.5, 2 or 3

1 2 3 5 8..

3

Highlevel design should be finalized.

### The Agile: Scrum Framework at a glance





# Day14 - Git Branching (with BitBucket)

---

## Session Action Item:

- ✓ Be clear with the outcome of Sprint Planning Meeting
- ✓ Setup a bitbucket or a GitHub account and use it on a regular basis. Industry uses this for day-to-day code management.

## Session Notepad Notes:

📌 🧠 Day14: Git Branching (with BitBucket)  
End-to-end Release

Starts 9:00 PM

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Jira  
PO UserStory  
Refinement meeting  
---

Clarification  
Highlevel architecture/approach final  
Story pointing  
-----

Sprint Planning Meeting  
Which person should work on which ticket.

1UserStory:  
1. UI dev  
2. Server  
3. QA

Task breakout - Story points  
every body is clear what they are supposed to work for full sprint (2weeks)  
----

Start Sprint - 2 week

"Whatever you are working upon, reflect that status in Jira board"

"Sprint - 2weeks" - 4features

-----

Multiple services:

-----

"Repositories / Folders - Code will be managed"

Ui repo (ui-assets)

Repo1 (GatewayService)

Repo2 (TrustlyService)

    Xyz.py, Xyz.java, ....

        4 requirements want to modify Xyz.java

        Multiple

Version control system -

Git(BitBucket/GitHub/Gitlab) /

SVN /

Repo3 (LoginService)

SourceTree

GIT CLI

Command line

1) Create empty project in Bitbucket

2) Clone that project into your local machine

D1 developer created a feature branch "feature1"

# Day15 - Git End-to-end project release & GRAND FINALE

---

## Session Action Item:

- ✅ Setup BitBucket & SourceTree, and perform end-to-end software release cycle journey with it. Details step by step are mentioned in the below notes.
- ✅ Every project would follow SDLC, so I request you to get comfortable with the software & process.

## Session Notepad Notes:

📌 🧐 Day15: Git & End-to-end software release cycle. 🚀  
Starts 9:00PM

- Code management
- Companies work on multiple branches

Repo

"master" => Goes to PRODUCTION

"develop / integration" => Goes to Testing (Docker/AWS QA environment)

"MP1\_13 - feature1" - "Feature2"

different feature.

Feature branch name: should have "JiraID"

Git operations

-----

Clone

pull/push/commit

Sprint Day1:

"feature1"

- 1) What all repositories you will code upon.
- 2) For each of those repositories, you need to have a feature branch created, with your feature "feature1" (Remote repository)
- 3) Clone Git operation
- 4) Setting it up with your IDE (IDE)

Feature is ready for giving to QA.

In dev on feature branch.

Code Review, merge to develop branch

PR, Pull Request

On a daily basis, downmerge develop/integration branch to your feature branch.

master => PROD env

release-v1: UAT Env

develop => QA AWS env / QA Docker

feature => Dev AWS env / Dev Docker container

-----

How you can setup & use BitBucket

- 1) <https://bitbucket.org/> - Signup
- 2) Create project, create repository
- 3) Download sourceTree & Install Git in your machine
- 4) Clone in local (Clone via SourceTree option in Bitbucket)
- 5) Setup in your eclipse
- 6) Put the project code, work with sourcetree  
Stage => Commit => Push (Master) (SourceTree)
- 7) Cut feature branches  
master => develop,  
develop => Feature1

develop => Feature2

- 8) Clone and setup feature1 & Feature2 in your IDE
- 9) Machine changes to feature 1 repo in your local. (In IDE)
- 10) Merge feature1 => develop (Pull request)
- 11) Downmerge develop => feature 2
- 12) Make changes to feature2 (In IDE)
- 13) Merge feature2 => Develop (Pull request)

:AWS:

From local AWS dev branch  
develop

-----

2023 / 2022 years Passout:  
Fresher or Internship

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2022  
2021 - 2020 / earlier

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Frame work  
Arrange real project  
How company works

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Other opportunities:

- (1) Opensources / NonProfit / Freelancing
- (2) Pay them amount, work project & will give you work exp

