

Alumni Speak: Interview preparation and job application strategies



Program coordinator
Divyabh Tyagi
ME 2009



Speaker: Shruti Joshi

The Google logo is displayed in its characteristic multi-colored font (blue, red, yellow, green, red) on a white rectangular background.The Amazon logo is displayed in a bold, dark blue font with an orange curved arrow underneath, all on a white rectangular background.

Interview experience - Amazon

Role: SDE - 1 (L4)

- Application: [Search](#) for openings (L4 SDE for full time)
- Online test screening:

2 Easy - medium coding questions + 25 MCQs

- Interview rounds:

4 technical rounds, all taken in one day.

Mainly DSA based; 2-3 coding questions in each round (Medium to hard level)

You are expected to write a working code in the language of their choice on white paper.

Brief resume discussion + some questions on CS subjects(Networking and OS) done in some of the rounds.

Discuss your solution with the interviewer, Don't waste time in writing pseudocode.



Interview experience - Google

Role: SWE (L3)

- 1 Telephonic Round: Generally taken by the recruiter themselves.
- 1 Screening Round: 45mins round | 1-2 coding questions
- 4 On-site rounds: 3 coding rounds + 1 behavioural round
- Hiring Manager Round

Tips:

- Between telephonic and screening round, solve as many problems as possible. Don't spend more than 40 mins in one problem.
- Target to solve 2 medium - hard level questions in 30-45 mins.

- **Behavioral Round:** Follow STAR method for behavioural questions
<https://zety.com/blog/star-method-interview>



Tips on job applications

- Keep your job search focussed on a specific area/industry and spend time aligning your skills with the job requirements.
- Expand your network on LinkedIn.
- Look out for job openings for fresh graduates.
- Keep your resume updated.
- Since there is a 6 months cool-off period, apply only when you are confident enough to crack the interviews.



How to prepare for Technical interviews

- Use Leetcode + GFG to practice questions. Stay consistent!
- Since you are expected to solve 2-3 coding questions in 45-60 mins, building speed is important.
- Time yourself while practicing. Give virtual coding rounds (codeforces) to gauge your level of preparation.
- Focus on DSA and CS concepts.
- How to prepare for coding interview [Video](#)

Tips on CV preparation

SHRUTI JOSHI

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EDUCATION

10th St. Dominic Savio College(ICSE):	93.33 %	2013
10+2 St. Dominic Savio College(ISC):	97.5 %	2015
BTech ECE Institute of Engineering and Technology, Lucknow:	8.8(CGPA)	2016-2020

TECHNICAL STRENGTHS

Programming Skills: Python, Java, C++, C.

Softwares and Tools: Robot Operating System, V-Rep, Arduino, MATLAB and Simulink, Eclipse, Android Studio, Verilog, Blender, Git, HTML, CSS, Bootstrap, Servlet and JSP.

Microcontrollers and Microprocessors

Arduino, Atmega 8, Atmega 2560, MSP430, 8051, Esp nodeMCU, FireBird V.

EXPERIENCE

NEC Technologies India June 2019 - August 2019
Java web application for Courier Management system.

Smart India Hackathon 2019 - VMware March 2019
Software edition *SIH Certificate*

- Android App for Multiple Indian languages to Indian Sign Language Conversion. Used Natural Language Processing for semantic and lexical conversion of Indian language and Android Studio for App development.

IIT Bombay June 2018 - July 2018
Undergraduate Research *https://github.com/eYSIP-2018/MultiDrone*

- Used socket programming to connect multiple drones to the same network and multithreading in python to control each drone. The project was done on Robot Operating System. A PID algorithm was implemented to control the drones.

e-Yantra Robotics Competition March 2018
Worked on Firebird V robotics platform and used Zigbee protocol and Blender animation tool. *e-Yantra Certificate*

Cetpa Infotech May 2017 - July 2017
MATLAB Summer Training

- Worked on Computer Vision Toolbox for Face Detection and Recognition. Integrated MATLAB and Arduino to make a Color Detecting Robotic Arm.

Competitive Programming
https://www.codechef.com/users/sjoshi13

1) Codechef highest rating 1999 . 2) Secured 112 rank in "Indeed She Codes 2019". 3) Ranked 817 in "TCS Codevita 2019" out of 8000+ participants.

RELEVANT COURSES

- | | |
|--|--|
| 1) Design for IOT(NPTEL) | 2) Programming and Data structures using Python(NPTEL) |
| 3) Hardware modelling using Verilog(NPTEL) | 4) Algorithms On Graph(Coursera) |
| 5) Machine Learning(Coursera) | 6) Data Structures(Coursera) |

ACHIEVEMENTS

School Topper in ISC 2015 examinations.

Secured first position in Smart India Hackathon 2019- Software Edition

Was among top 5% candidates in nptel Design for IOT certification Exam.

Secured second rank in e-Yantra national robotics competition.

- Only add sections relevant to the job profile.
- Highlight impact of each competition/ project undertaken by you.
- Explore [Latex](#) templates.



Speaker: Jagriti Tiwari



Hindustan Unilever Limited



Interview experience sharing (HUL)

JOB PROFILE : EXECUTIVE TRAINEE

Stage 1

- Resume Based Shortlisting (GPA and external project plays a vital role)
- Enrollment form screening
 - Don't clone answers from internet sources. Be honest in your response.
 - Highlight skills, achievements and results while describing your project.

Stage 2

- Assessment using HireVue (**Video recorded responses**)
 - You'll be given 20 mins for 3 questions, 1 min for reading or preparing and 3 min for responding.
- Panel Interview
 - Brief project discussion along with technical questions from core subjects..



Tips on job applications (HUL or in general)

- ❑ Study the job description, brush up specific skills and qualities required for the job position.
- ❑ Learn some Industry specific skills(MATLAB, 6 Sigma, designing softwares)
- ❑ Research well about the company, services and products it offers.
- ❑ Connect with Industry professionals.
- ❑ Fine-tune your application before sending it to the employer.



How to prepare for Technical interviews

Preparation of Core technical Interview in FMCG, Fertilizers, Paper and Pulp Industries etc.

- Keep your Engineering basics strong
- Have an answer ready for your Favourite subject. Prepare at least 2 subjects to be on the safer side.
- Research online about the company mission & vision.
- If you've worked on technical projects or done any internship, then know the fundamentals of it.
- Don't dwell on what you don't know. If you don't know the answer, say it politely.

INTERVIEW IS A CONVERSATION, NOT AN INTERROGATION!! :)



Tips on CV preparation

DOS AND DON'TS OF CURRICULUM VITAE

Dos

- Keep it short and concise
- Customize your resume regularly
- Highlight your achievements
- Include your contact details, LinkedIn ID
- Proofread your resume multiple times

Don'ts

- Complicated Resume Template
- Don't go over two pages
- Mention unnecessary or irrelevant soft skills
- Avoid too long and objective statements