

Elucain SED Roles

1st : Aptitude test

- 1.1. Logical Reasoning
- 1.2. Verbal Test
- 1.3. Pseudo code
 - 1.3.1. Outcome Problems
 - 1.3.2. Error Finding
- 1.4. Scenario based Coding Qustion

2nd: Technical Interview

1. Scenario based Coding Qustion

My Coding Qustion was based on the Merge Sort

2. Resume Based Qustion

HARSH GUPTA

(SOFTWARE DEVELOPER)

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EDUCATION

Jain (Deemed to be University)	June 2023 - (Present)
Master of Computer Application – AI/ML	Current CGPA 8.0
Lovely Professional University	Apr 2020 - May 2023
Bachelor of Computer Application – Application Development	CGPA 8.55

SKILLS

Technical: Data Structures and Algorithms, Object Oriented Programming, Machine Learning

Languages: C++, Python, Java

Frontend: ReactJs, NextJs, HTML5, Tailwind CSS, Flutter, React Native

Backend: NodeJs, Express, Mongoose, Dart, MongoDB

Database: MongoDB, MySQL

Other: Git/GitHub, VS Code, Jupyter Notebook, MS Office, Azure, Fullstack (MERN), Version Control

EXPERIENCE

Software Development (Internship) - Naturemark Systems – Remote **Apr 2024-May 2024**

- Deployed as a Software developer placed on there Marketplace Building Team for Carbon Credit Verification and Sale and Purchase, Improved the API's response by 20% by adding the filters to remove unwanted responses.
- Optimize the Images in Marketplace to load 20% faster and smoother also added the Tailwind CSS which saves times while building the Marketplace.

Web Developer(Internship) - Suvidha Foundation – Remote **Oct 2023 - Nov 2023**

- Engineered a custom web tool for Admin to streamline the offer letter distribution process, resulting in a 40% increase in candidate response rate and 50% faster time-to-hire.

PROJECTS

Prompt GPT:- [\[Live | GitHub\]](#)

Apr 2023

Technology used: NextJs, Tailwind, MongoDB, NodeJS

- Developed a cutting-edge AI prompt-sharing web application with features such as dynamic tag assignment, user profile browsing, Public Dashboard.
- Enhanced user engagement and organization through interactive tagging and public/private sharing modes.
- Implemented efficient backend solutions with NodeJS and MongoDB for seamless data management and fast retrieval.

Technology Used:- NextJs, HTML5, Tailwind CSS

- Fully responsive web application created for the Navariti Student Forum and Increase the Presence of the Student Forum by 100% at same time Increase the registration by 80%.

Smart Home Automation and Short Circuit Prevention (Patent Filed)**Jan 2023**

Mobile Application: React Native Backend: Firebase

Working prototype component: NodeMcu, Voltage Sensor, Relay

- Developed a smart home system with short circuit prevention, increasing safety by 30%.
- Established a reliable communication channel between NodeMCU and Firebase for instant updates.
- Implemented strong authentication and authorization, ensuring 99.9% data security.
- Utilized sensors and relays to detect and mitigate short circuits, reducing electrical hazards by 40%.

SuperHero Wiki :- [\[Live / GitHub\]](#)**Mar 2023**

Technology Used:- ReactJs, React APIs, HTML5, Tailwind CSS

- Fully adaptive web application encompassing the entire superhero universe, including comics, movies, and TV shows.
- Built with React APIs for fetching pictorial and descriptive data consist of more than 1000 different superhero's and villains, delivering comprehensive insights to users.

CERTIFICATION

- [Web Development](#) (Intershala)
- [Introduction to Back- End](#) Development(Coursera META)
- [Software Engineering](#) (Infosys Springboard)
- [Design Patterns & Software](#) (Infosys Springboard)

ACHIEVEMENTS

- Participated in The Great India Hackathon.
- Organized India Tour of Open Source Hackathon "Punjab Edition"
- Participated in INNOTEK 2023

Some of my Resume based Qustion are:-

1. String Function in C++
2. What are Hooks in react (Note:- They asked In depth)
3. Explain the useRef in react
4. Some scenarios based Qustion from react and Node
 - a. Assume that I you have created Api in Nodejs ad Fetching in react, The response on my local system work fine but when we put the system in cloud ,the Api break and Respond Incorrectly. What will be the issue here.
 - b. Create an Api in NodeJS to securely save email and password of the User into Sql Database (Note They don't ask me to Code it They just ask to explain the process)
5. They asked me about my Internship at Suvidha foundation and How I steamline the process for Candidate Hiring and how I achieve this numbers in the work
6. They asked me about my Patent "SMART HOME AUTOMATION AND SORT CIRCUITS PREVENTION "
7. Then They asked about my Achievement mainly about "Tour of Open Source Hackathon " How did we manage to the Hackathon Organize the Hackathon and what are the team work we did in this.

3rd: HR Round (In Office):-

In the Round They asked Scenario Based Qustion about how would I react in the given scenario

1. Introduce yourself.
2. Tell me about your background
3. What would I do if I already have a workload for the day and my teammate would ask to take on some more work.
4. How would I prioritize my work on daily basis.
5. As a team lead you have worked of your Patent Project ,
There must be a situation were your temper have reached your peak ,How did you manage that and Complete the project

There are some Technical Question during HR round

1. What Cloud service I have used
2. What are session in MongoDB
3. If a Mongoddb session stuck in the loop What would I do in the situation
4. Tell me about the Virtual machine in cloud
5. How Dose app services work in azure
6. What is the Elastic Bucket in Aws
7. What is the work of Finder in Aws and how it work
8. What is Load balancers and how it works (I have to explain this in the WhiteBoard)