Rohan Patel

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology Indore	7.76	2017-2021
Senior Secondary	CBSE Board	85.6%	2016
Secondary	CBSE Board	9.6	2014

KEYPOINTS

- Started as a Front end Engineer and now I am Team Lead.

- Within one year got an opportunity to lead the team of junior front end developers.

- In 3 years became Team Lead, and leading the whole project by myself.

- Experience in managing and leading the enterprise level frontend projects.

- Recently spearheaded multiple GenAI projects, delivering client-centric solutions like RAG-based applications and robust frameworks.

- Good in communication and creating connections with other people in and out of organisation.

- Recently, I initiated a collaboration project with overseas team within the organisation- from finding them to working with them.

EXPERIENCE

Accenture Japan   Tokyo, Mar,2022 -
Team Lead/Sr.Software Engineer

- **GenAI Platform SDK**

  – Collaborated with a team to develop a core SDK in Python using FAstAPI, leveraging a plugin architecture to enhance backend functionalities.

  – This SDK save's approximately **400+ man-hours per project**, streamlining the deployment of genai-related features and significantly accelerating the path from conception to market-ready genai-powered applications

- **AI Powered Sales Tools**

  – **Managed and led the frontend** side of the project where my core responsibilities is to understand the client requirements and convert them into technical design.

  – Supported the backend team for building the tools using Langchain, and decreasing the cost of using LLMs by creating several Routing components and cost management tools

- **Riders Performance Tracking Tool (Asia Talent Cup-Idemitsu)**

  – Led the frontend engineering team of 5 developers and designed an application where riders can track their rides and performances based on multiple metrics, which involves processing of high amount of real time sensor data coming from Raspberry pi which is installed on their bikes.

  – Developed a user-friendly and responsive front end interface using HTML, CSS, and VueJS, Typescript resulting in improved user engagement and data visualization capabilities.

MaxedS   Chicago, May 2021 - Mar 2022
Analyst

- **GenAI Platform SDK**

  – Rolled out the CRM tool for the company and integrated it with the other technologies for maintaining sales DB,made couple of dashboards to track each employee performances for internal use.

  – The framework with built-in core functionalities including logging and error handling, and successfully integrated genai-rag and genai as modular plugins, streamlining their adoption and use in backend systems.

  – Worked closely/planned with the CEO of company and outreached in the US market for selling the B2B services.

Mathworks   Hyderabad,India
Software Engineering Intern

  – Tested the famous MATLAB compiler for bugs and operating speed, added features, fixed bugs and reduced the compilation time of some specific mathematics operations used on machine learning by **88.8%**.

  – Collaborated with some Senior developers to brainstorm and implement the ideas and feedback into development.

Projects

- **NihongoBuddy**
  Personal Project   https://nihongobuddy.com
  - Developed a tool for the people who wants to practice and revise the Japanese language.
  - Speaking and listening is a major problem even for the people who achieved JLPT levels, keeping that in mind build a personal AI voice chat assistant for them, with which they can talk anytime and anywhere.
  - Technology is VueJS for frontend and backend is in python.

- **Protection Of Biometric Template**
  Dr. Surya Prakash
  - Developed an algorithm which protects the users' fingerprints used in biometric template verification.
  - Technology used are MATLAB, Extracted biometric fingerprint images are used as an input for the project. .
  - Got the accuracy of about 98% for the best case scenario.

- **Highlight Text Real Time - Chrome Extension**
                                                    https://github.com/rohanpatelg/highlighttext
  - This is a chrome extension I build to highlight the content of Docs reading online.
  - The highlighted content is getting stored at the local storage of browser and can be used to fetch it anytime.

Technical Skills

- **Language**: Typescript, Javascript, C++, C, Java, C#.
- **Frameworks and Web Development**: **VueJs**, **Next.JS**, **ReactJS**, NextJS, ReactNative, NuxtJS, HTML, TailwindCSS, Express NodeJs, Cypress, Storybook, **Azure cloud**, Supabase, Langchain, FastAPI **Python**, Flutter, Dart
- **Other**: MYSQL, MongoDB, Figma, Competitive Programming, Git, Jira.

Achievements

- **Hackathon**, Participated and successfully completed the World's largest Vue JS hackathon   *2022*
- **IIT-JEE**, Secured an AIR 2352 In IIT-JEE ADVANCED
- **National Inter School Chess Player**, Secured 1st position in State level, 6st position in National level.   *2013*