Saurabh Singh

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EDUCATION

Indian Institute of Technology Mandi   CGPA 7.22/10
Bachelors in Technology, CE (Aug 2017 – June 2021)

High School | Shaiffali Public School   CGPA 10/10

EXPERIENCE

Software Engineer | Internet Academy Tokyo   Feb 2022 – Currently Working
Responsible for the development, deployment and maintenance of the corporate platform and the Learning Management System (LMS) of Internet Academy with almost 10,000 daily users. Collaborated with other teammates and stake holders from other teams, participated in code reviews, mentored junior engineers and promoted good engineering practices in the organization

- **Developed Sales Support System for internal Sales Team:**
  * Developed a CRM tool using VueJS and Django.
  * Reduced Sales cycle duration by 40% compared to old system, leading to 50% increase in sales yoy.
  * Implemented reminders for upcoming action dates, reducing missed deadlines by 20%.
- **Developed Admin System for Corporate Clients:**
  * Developed VueJS and Django-based Admin System and used Docker and EC2 for seamless deployment.
  * Reduced manual analysis time by 60% for corporation admins.
  * Integrated test score analysis, video watch time monitoring, feedback, and customizable report viewing.
  * Developed a DX Assessment system to evaluate the behavioural as well as technical competencies of learners.
- **Developed Learning Management System for Learners**
  * Led the transformation of LMS to VueJS from legacy code leading to faster and responsive system.
  * Revamped video viewing and skill check platform and created systems for enhancing learning experience.
  * Shifted the videos server to AWS S3 for seamless streaming directly from the server.
  * New platform resulted in a 20% increase in daily users within two months of deployment.

  Stack: Django, VueJS, RestAPI, pytest, Docker, AWS, PostgreSQL

Senior Analyst - Software Engineering | eClerx Services Ltd.   July 2021 – Feb 2022

- Developed a Transaction Verification Application using React and Nodejs,
- This application ensures rigorous examination of cash flow, generates payment quotes post-verification, and facilitates seamless communication by dispatching quotes to the relevant parties involved.

  Stack: React, Nodejs, jest

SKILLS

Languages:	JavaScript, Python, C++, HTML, CSS
Frameworks & Libraries:	VueJS, React, Django, NodeJS
Database:	MySQL, PostgreSQL
Cloud Services:	AWS
Infrastructure:	Docker
Miscellaneous:	Postman, Figma, Adobe PhotoShop

PROJECTS

Company Website (Blister Packing)   Feb 2023 – Aug 2023

- Developing a React website to showcase a company's products and expand its reach.
- Applying Google APIs for collecting data regarding quotes, queries and careers responses for the website.

Dynamic Web Application Backend: Kotlin API System   Sep 2023 – Dec 2023

- Developed a robust backend API system using Kotlin, ensuring efficient data processing and seamless communication for a dynamic web application. Employed best practices for RESTAPI design, enhancing overall system performance and scalability.