

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 – Present

Responsible for the development, deployment, and maintenance of the corporate platform and Learning Management System (LMS) of Internet Academy with nearly 25,000 daily users. Collaborated with teammates and stakeholders, participated in code reviews, mentored junior engineers, and promoted good engineering practices.

- Developed **Sales Support System** for internal sales team:
 - Developed a CRM tool using VueJS and Django.
 - Reduced sales cycle duration by 40%, leading to a 50% increase in year-over-year sales.
 - Implemented reminders for upcoming action dates, reducing missed deadlines by 20%.
- Developed **Admin System for Corporate Clients**:
 - Developed VueJS and Django-based admin system, deployed using Docker and EC2.
 - Reduced manual analysis time by 60% for corporation admins.
 - Integrated test score analysis, video watch-time monitoring, feedback, and customizable reports.
 - Developed a DX Assessment system to evaluate learners' technical and behavioral competencies.
 - Created a system to automatically generate subsidy documents for companies providing training to employees.
- Developed **Learning Management System for Learners**:
 - Led the transformation of LMS from legacy code to VueJS, making the system faster and more responsive.
 - Revamped video viewing and skill check platforms to enhance learning experience.
 - Shifted video servers to AWS S3 for seamless streaming.
 - The new platform resulted in a 20% increase in daily users within two months of deployment.
 - Added assessment and student analysis for the students to know their evaluation and compare progress.

Stack: Django, VueJS, REST API, pytest, Docker, AWS, PostgreSQL

Senior Analyst - Software Engineering — eClerx Services Ltd.

July 2021 – Feb 2022

- Developed a Transaction Verification Application using React and NodeJS.
- Ensured rigorous examination of cash flow, generated payment quotes post-verification, and facilitated communication by dispatching quotes to relevant parties.

Stack: React, NodeJS, jest

SKILLS

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

PROJECTS

Personal Portfolio Website (Portfolio) (GitHub)

August 2024 – September 2024

- Designed and developed a personal portfolio website using modern web technologies. Showcased my projects and skills, emphasizing responsive design, accessibility, and a seamless user experience. Integrated features like project galleries, dynamic content loading, and contact forms.

Company Website (Blister Packing) (Website) (GitHub)

July 2024 – Ongoing

- Developed a React-based company website to showcase products and expand its reach, while integrating Google APIs to manage quotes, queries, and career response data.

POSITION OF RESPONSIBILITY

Student Representative | Career and Placement Cell, IIT Mandi

June 2019 – June 2021

Student Representative | Student Academic Council, IIT Mandi

Aug 2019 – June 2021