

Saurabh Mahajan

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Professional Summary

Detail-oriented Software Engineer with 2 years of experience in full-stack development. Passionate about building scalable, efficient, and user-centric applications. Adept at modern web technologies and frameworks, with expertise in React.js, Redux Toolkit, FastAPI, and PostgreSQL.

Technologies

Languages: HTML, CSS, JavaScript, Python, SQL
Frameworks & Libraries: React.js, Redux Toolkit, Django, FastAPI
Database Management: PostgreSQL, SQLAlchemy
Tools: Git, Alembic (for migrations), Visual Studio Code (VS Code), Postman

Education

J T Mahajan College Of Engineering Faizpur
B Tech in Computer Science, 2022
K. Narkhede Vidyalay, Junior College, Bhusawal
HSC, 2017

Internship

GB SOFTRONICS

During this internship, I gained hands-on experience in embedded programming and robotics using Arduino.

Experience

Software Engineer

April 2023 - Present

Suma Soft Pvt Ltd, Aundh, Pune

- Developed and maintained scalable web applications using React.js, and Redux.
- Built backend APIs with Python frameworks (Django, FastAPI) and implemented efficient database queries using PostgreSQL.
- Managed state and implemented complex business logic using Redux Toolkit and middleware tools such as Redux Logger.
- Improved application performance by optimizing SQL queries and caching mechanisms.
- Led end-to-end development of key features, coordinating with frontend and backend teams.

Projects

Workplace Complaint Management System

- A secure and scalable platform designed to manage workplace harassment complaints. The system provides role-based access for counselors, super admins, and managers, enabling efficient complaint filing, tracking, and resolution.

Key Responsibilities:

- Built **RESTful APIs** using **FastAPI** for complaint submission, user role management, and workflow tracking.
- Developed an interactive **React.js frontend with Redux** for state management and seamless user experience.

- Designed **role-based authentication and access control (RBAC)** to ensure secure and appropriate system access.
- Implemented **data validation and security measures** to protect sensitive complaint information.

SwiftShip - Logistics Courier Management System

- SwiftShip is a logistics and courier management platform that helps manage orders, customers, vendors, deliveries, and pricing. As a Frontend Developer, I built clean and responsive user interfaces using React.js and Material UI. I worked on key modules like user profiles, order processing, and scheduling. I also added features like location filters and zip code validation to make data entry more accurate and user-friendly.

Key Responsibilities:

- Developed and maintained responsive UI components using **React.js and Material UI**.
- Built and enhanced key modules such as **User Management, Customer/Vendor Profiles, Port Destination Handling, and Order Processing**.
- Integrated location-based filters and postal code validation using third-party React libraries to improve data accuracy and form usability.
- Collaborated closely with backend developers and designers to ensure seamless API integration and UX alignment.

IT Training Management System

- This project is a web-based platform designed to manage student admissions, courses, exams, and certifications. It provides an admin dashboard to streamline operations for both students and administrators, improving efficiency and tracking.

Key Responsibilities:

- Developed **RESTful APIs** using **FastAPI** for managing student data, courses, programs, and certification workflows.
- Designed and built a **dynamic admin dashboard** using **React.js** for CRUD operations and reporting.
- Optimized **PostgreSQL database structures** to handle large-scale student and course data efficiently.
- Integrated **Redux Toolkit** for efficient state management and seamless data flow across the application.

Certifications

Building Generative AI Applications using Amazon Bedrock. Amazon Web Services(AWS)

Full Stack Web Development 6-month intensive training course for Full Stack Web Development specializing in Reactjs Python.

Completed 'HackerRank' Python Programming with a 5-star rating. <https://www.hackerrank.com/saurabhmahajan61>.

Introduction To Python Course Completed in 'Infosys Springboard'.

HTML, CSS, JavaScript, ReactJs, JQuery Programming. Completed from 'SOLOLEARN'.

Interests

I enjoy exploring new frameworks like FastAPI and RTK Query Redux to improve my development skills.

I am always eager to experiment with new libraries and frameworks to stay updated with the latest trends.

Language

English, Hindi, Marathi