Saurabh Sawant

Full Stack Web Developer

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source-in.github.io

Full-Stack Developer with 3+ years of experience developing and deploying scalable web applications. Expertise in React.js, Next.js, Node.js, and Python with proven success in building intuitive user interfaces and secure back-end systems. Strong background in cloud deployment, API development, and database management.

WORK EXPERIENCE

Teaching Assistant

Drexel University • Philadelphia, PA   08/2024 - Present

- Facilitated hands-on labs and improved students' understanding of complex software engineering concepts.
- Acted as Scrum Master for 15+ student teams, overseeing their projects by coordinating sprint planning, tracking progress, and ensuring successful project delivery through effective collaboration and agile practices.

Software Engineer

Spintly Inc • Goa, India   11/2022 - 12/2023

- Developed an analytics dashboard with real-time data visualization using React.js and Chart.js, improving operational efficiency by 30%.
- Integrated Mixpanel Analytics and developed REST APIs to support detailed user behavior tracking for 10,000+ users.
- Built real-time Server-Sent Events (SSE) APIs, increasing user engagement by 15% for 500+ daily users.
- Developed secure API endpoints using Node.js and Express.js, ensuring data integrity and protection.

Software Engineering Intern

AstraSys.In • Goa, India   04/2022 - 10/2022

- Developed web applications using React.js and Node.js for diverse clients, improving client operations and scalability.
- Managed client requirements and led project deliveries, successfully launching 3 web applications in 6 months.

SKILLS

Front-end Technologies: Next.js, React.js, Tailwind CSS, TypeScript

Back-end Technologies: Django, Express.js, Flask, Node.js, Python

Databases: Firebase, MongoDB, MySQL, PostgreSQL

API Development: GraphQL, RESTful API

Cloud Deployment: AWS (ECS, Google Cloud, Heroku, Lambda), Netlify, RDS, Vercel

Tools & Platforms: Git, GitHub, Jira, Postman

EDUCATION

Master of Science in Computer Science

Drexel University
Philadelphia, PA
GPA: 3.9/4.0
01/2024 - 06/2025

Relevant Coursework: Artificial Intelligence, Machine Learning, User Experience/User Interfaces, Data Structures and Algorithms.

Software Engineer

Inet Computer Services • Goa, India   **04/2021 - 03/2022**

- Improved accessibility to public resources for over 100,000 users by contributing to the development of 5+ government schemes and service application websites.
- Implemented security best practices to ensure secure data storage and reliable backend services.

PROJECTS

Personal Finance Management Web App (FinSense) (Next.js, Supabase, Generative AI)
02/2025 – Present

Currently developing a personal finance management platform that leverages Generative AI to provide actionable insights on savings, expenses, and investments. Implementing Supabase for secure data management and Next.js for a fast, scalable user interface to enhance financial awareness and decision-making for users.

Natural Language to SQL Query Generator (Meta-Llama-3.1-8B, Streamlit)
08/2024 - 09/2024

Developed a model that converts natural language queries into SQL queries using Meta-Llama-3.1-8B and Streamlit. Streamlined database access for non-technical users, improving data retrieval efficiency.

College Blogging Web Application (React, Node.js)
03/2024 - 04/2024

Developed a dynamic blogging platform for college students using React and Node.js, enabling users to create, share, and interact with content in a community-driven environment. The application includes features such as real-time commenting, user profiles, and content management.

Bachelor of Engineering in Computer Engineering

Goa University - College of Engineering

Goa
08/2016 - 09/2020

AWARDS & SCHOLARSHIPS

CCI Dean's Scholarship
01/2024
Drexel University