

SARANSH PATHAK

Full Stack Developer | AI & ML Enthusiast

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Summary

Full Stack Developer skilled in building scalable, real-time web applications using MERN/Django stacks. Proficient in REST API design, state management, and deployment workflows. Focused on clean architecture, high performance, and production-grade reliability.

Education

SRM Institute of Science and Technology

B.Tech in Computer Science Engineering (AI & ML)

08/2021 - 05/2025

Experience

VVDN Technologies

Chennai

Full Stack Developer Intern

08/2024 - 11/2024

A technology company providing end-to-end services in product engineering and IoT

- Developed scalable backend solutions using Django and Django REST Framework
- Integrated databases (MongoDB, SQLite) to enhance data processing and storage
- Built and consumed REST APIs for client-server communication
- Created responsive UI components using HTML, CSS, and JavaScript.

IIT Roorkee

Roorkee

Full Stack Developer Intern

06/2024 - 07/2024

One of the premier institutes in India known for engineering and technology education

- Implemented software components using HTML, CSS, JavaScript, and PHP
- Developed cross-platform UI and responsive designs
- Supported CI/CD pipelines and participated in integration testing
- Independently handled application logic, debugging, and optimization

Skills

Frontend: HTML • CSS • JavaScript • React.js • Bootstrap • TailwindCSS • DaisyUI

Backend: Node.js • Express.js • Django

Authentication & State: JWT • Zustand • RESTful API • Django Rest Framework

Other Tools: Git • Nginx • RabbitMQ • Socket.io

Projects

Real-Time Chat Application

A full-stack web-based real-time messaging platform

- Built using MERN stack, Socket.io, TailwindCSS, and Daisy UI
- Enabled JWT-based authentication and role-based authorization
- Integrated real-time messaging with Socket.io and online user status tracking
- Managed global state using Zustand for consistent frontend logic
- Applied end-to-end error handling across client and server

College Management System

A web-based system designed to manage and streamline the operations of educational institutions

- Built a complete web-based system to manage departments, teachers, and students
- Used Django for backend and SQLite3 for database operations
- Integrated RabbitMQ for asynchronous messaging
- Implemented role-based access control for secure management
- Deployed on Nginx with Gunicorn for production-ready hosting