

SUSHAN KHATIWADA

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Summary

Achieved successful development of responsive web applications through expertise in React, Django, and RESTful APIs. Delivered secure authentication and real-time features that improved user experience. Enabled AI integrations that transformed user-focused solutions into innovative platforms.

Skills

- **Frontend:** React, JavaScript, HTML, CSS, Tailwind, Bootstrap
- **Backend:** Django, Django Rest Framework (DRF), Express, Python, Node.js
- **Tools:** Git, GitHub
- **Deployment:** Render, Vercel, Netlify

Projects & Experience

Redstar School Management System

— React, Django, DRF

A full-featured School Management System built with React, Django, and Django REST Framework. Uses Tailwind CSS for styling and Axios for API calls. Includes secure authentication, RESTful APIs, and full CRUD functionality. Teachers and students each have their own dashboard. Teachers can assign homework based on their subjects and class teachers can take student attendance. Students can view assignments and send anonymous complaints to the administrator.

EditorPress.js

— React, TipTap, Shadcn

A rich text editor built with React, TipTap, and Shadcn. Supports Markdown style typing that converts automatically. Users can upload and resize images with captions, insert tables, and format text with headings, font size, color, and alignment. Works smoothly on mobile and returns structured JSON with title and content on save.

AI-Powered Chat App

— Django, Websocket, AI, Channels

A real-time AI-powered chat application called Django Chat. Features secure authentication and password reset. Users must send a friend request before starting a chat. Supports one-to-one messaging and an AI assistant powered by the Gemini API.

MovieHouse

— Django, Redis

A free movie streaming site built with Django. Includes secure authentication and password reset functionality. Uses Redis caching to cut down unnecessary API calls. Has a modern, responsive profile page where users can edit their info and upload a profile picture.

Education

Redstar English Boarding School — +2 with CS — 2024–2026

Completed my +2 on management faculty with Basic Math and Computer Science

Araniko Memorial Secondary English School — Nursery to 10 — 2010-2024

Completed my secondary school with 3.63 GPA in SEE