

# SUSHAN KHATIWADA

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## SUMMARY

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Managed to develop responsive web applications using skills in React, Django, and RESTful APIs. Provided security features and real-time capabilities to enhance user experience. Made it possible to integrate AI technology to convert user-based solutions into unique platforms.

## SKILLS

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**Frontend** — React, JavaScript, Typescript, HTML, CSS, Tailwind

**Backend** — Django, Django Rest Framework (DRF), Express, Python, Node.js

**Tools** — Git, GitHub, Django Channels, Django Filters

**Deployment** — Render, Vercel, Netlify

## PROJECTS & EXPERIENCE

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### Redstar School Management System 🌐

*React, Django, DRF*

- Developed a full-featured School Management System with React, Django REST Framework, and Tailwind CSS, covering secure authentication, RESTful APIs, and full CRUD functionality.
- Teachers can assign homework, take attendance, and track their salary history and upcoming payments, while students can view assignments and send anonymous complaints to the administrator, each with their own dedicated dashboard.

### EditorPress.js 🌐

*React, TipTap, Shadcn*

- Built a rich text editor with React, TipTap, and Shadcn that supports Markdown style typing, text formatting with headings, font size, color, and alignment, plus image upload with resize and captions, and table insertion.
- Fully responsive on mobile and returns structured JSON with title and content on save.

### AI-Powered Chat App 🌐

*Django, Websocket, AI, Channels*

- Built a real-time chat app with Django where users can send friend requests, chat one-to-one, and interact with an AI assistant powered by the Gemini API.
- Includes secure authentication and password reset, with WebSockets handling live messaging between users.

### MovieHouse 🌐

*Django, Redis*

- Developed a free movie streaming web app using Django with secure user authentication and password reset functionality.
- Integrated Redis caching to reduce unnecessary API calls and built a responsive profile page where users can update their details and upload a profile picture.

## EDUCATION

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### Redstar English Boarding School

+2 with CS (3.71/4)

Completed my +2 in Management with Mathematics and Computer Science.

2024 – 2026

Pathari Sanischare

-02, Morang, Nepal

### Araniko Memorial Secondary English School

Grade 10 (3.63/4)

Completed my secondary school with 3.63 GPA in SEE

2010 – 2024

Sunbarshi -02,

Morang, Nepal