

Swanand Sawant

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Education

B.E. Computer Engineering(Present CGPA: 7.8) , Shree L.R. Tiwari College of Engineering	2021-2025
H.S.C (Percentage: 85.33) , Kirti M Dongursee, MHTCET (Percentage: 90.81)	2021
S.S.C (Percentage: 73.40) , L.S.Vidyalaya	2019

Experience

Frontend Developer Intern , Course Compass Course Compass: Online Learning Platform	Dec 2025 – May 2025
<ul style="list-style-type: none">• Focused on frontend development, creating dynamic, responsive, and user-friendly interfaces using React.js and Tailwind CSS.• Collaborated closely with the backend team to integrate APIs and ensure smooth data flow and seamless functionality across the platform.• Streamlined development workflow using tools like Git and version control for efficient collaboration and project management.• Technologies: React.js, Tailwind CSS, Git	

Projects

Sustainify - Peer to Peer Energy Trading Platform https://github.com/Swanand12/Sustainify
<ul style="list-style-type: none">• Developed a decentralized energy trading platform that allows peer to peer energy transfer.• Implemented blockchain technology to store transaction data securely by writing smart contracts.• Managed energy tokens and integrated the platform with the grid for seamless energy transfer.• Utilized: React.js, Express.js, Node.js, MongoDB, Tailwind CSS, Solidity, ShadcnUI, JWT Token, RESTful API's
StudyAbroad - Chatbot https://github.com/Swanand12/StudyAbroad-Chatbot
<ul style="list-style-type: none">• Developed an intelligent virtual assistant to guide students through every stage of the study abroad process.• Designed using the MERN stack with a FastAPI backend for chatbot logic, leveraging a RAG-based model to retrieve relevant information and present context-aware responses using Gemini.• Implemented a pipeline that converts queries and data into vector representations using sentence-transformer models, storing them with Faiss indexing for efficient and accurate similarity search.• Utilized: React.js, Express.js, Node.js, FastAPI MongoDB, Tailwind CSS, Gemini API, SentenceTransformer
Chat-App - Real Time Chat Application https://chat-app-1-tutj.onrender.com
<ul style="list-style-type: none">• Designed and developed a real-time chatting application using socket.io for real time communication.• Implement functionalities like debouncing for typing indicator and integrate RESTful API's and JWT authentication to securely manage user sessions.• Designed MongoDB database schemas and implemented functionalities for features like notifications, one-to-one interaction, creating and handling group and user functionalities.• Utilized: React.js, Express.js, Node.js, MongoDB, Socket.io, Cloudinary, Tailwind CSS, JWT Token, RESTful API's
Hirrd - Job Portal https://job-portal-lhzj.onrender.com
<ul style="list-style-type: none">• Utilized: React.js, Express.js, Node.js, MongoDB, Tailwind CSS, ShadCN UI, JWT Token, RESTful API's,
Klimate - Weather Application https://weather-klimate.vercel.app
<ul style="list-style-type: none">• Utilized: React.js, TanstackQuery, OpenWeatherAPI, recharts

Skills

Software: Python, React.js, Express.js, Node.js, MongoDB, Javascript, Redux, TailwindCss, HTML, CSS, SQL, Selenium, Solidity, Socket.io, Git

Certificates

AWS Academy Graduate - AWS Academy Cloud Foundation
React Redux - The Complete Guide (Udemy)