SOHAM HEMANT TAPSE
Full Stack Web Developer — AI Engineer
Pune, India

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github.com/sohamtapse/

Summary

Third-year Computer Engineering student with a focus on Full Stack Web Development and AI solutions. Proven ability to develop and deploy applications using React, Node.js, and AI frameworks such as LangChain. Eager to contribute to innovative projects leveraging cutting-edge technologies.

Professional Experience

Axia As (ax-ai.ai)   May 2024 – Mar 2025
Full Stack Web Developer Intern   *Remote*

- Developed and maintained key features for the company website using React.js v18, Node.js v16, and Express.js v4, resulting in a 20% improvement in website performance. Keyword: Web Development
- Implemented RESTful APIs using Node.js and Express.js, enabling seamless data flow between frontend and backend components, improving data retrieval speeds by 15%. Keyword: API Development
- Contributed to the development of multiple website projects, enhancing user experience and implementing responsive design principles using Tailwind CSS v3. Keyword: User Experience (UX)
- Collaborated with a team of 5 developers to debug and optimize website code, reducing site errors by 25%. Keyword: Debugging

Projects

GoJob
A web app / platform for job-/gig-management built with modern stack.
- Technologies: Next.js (TypeScript),PostgresSQL, Prisma ORM, Next Auth, Tailwind css

LINK:- **https://go-job-one.vercel.app/**

PrepMeleon - AI Interviewer
Developed an AI-driven interview platform providing mock sessions, personalized feedback, and real-time performance insights using Next.js, Tailwind CSS, Gemini API, Firebase, and Vapi AI for voice assistance.
- Technologies: Next.js, Tailwind CSS, Gemini API, Firebase (Auth & Database), Vapi AI

LINK:- **https://prepmeleon.vercel.app/**

Real-Time Chat Room with AI Gemini Integration
Created a real-time chat application allowing users to create rooms, chat live, and utilize AI (Gemini) for generating file structures of backend and frontend with proper codes using MERN stack. Also supports deployment on the spot.
- Technologies: React.js, io.sockets, Tailwind CSS, Node.js, Express, MongoDB, JWT, Web Containers, Gemini API

LINK:- **https://github.com/sohamtapse/Real_TimeChatRoom_AIGemini**

LearnNova - AI-Powered Assignment Evaluation System
Developed a system using a LangChain-powered RAG pipeline to evaluate student assignments by comparing their answers to teacher-provided solutions, featuring a FastAPI backend, React.js frontend, and Firebase for authentication and database storage.
- Technologies: RAG Model, LangChain, FastAPI, React.js, Tailwind CSS, Firebase

LINK:- **https://github.com/sohamtapse/LearnNova**

Skills

Technical Skills
React.js (Expert) — typescript(Intermediate) — Next.js (Proficient) — Node.js (Proficient) — Express.js (Proficient) — JWT Tokens — PostgresSQL(NEON) —Prisma — Firebase (Proficient) — MongoDB (Proficient) — LangChain (Intermediate) — Python (Intermediate) —Touch(Beginner)— Scikit-Learn (Beginner) — Tailwind CSS (Proficient) — FastAPI (Beginner)

Soft Skills
Problem-solving — Teamwork — Communication — Time Management — Adaptability

Education

SPPU Savitribai Phule Pune University

Bachelor of Engineering in Computer Engineering

Certifications

Full Stack Web Development — **Advance Python**