

Khush Tatwavedi

Software Engineer / Full Stack Developer

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SUMMARY

Full-Stack Developer specializing in backend development, AI integration, and scalable systems. Proven track record of developing production software, optimizing user interfaces, and designing centralized data architectures. Skilled in modern full-stack frameworks, database management, and automated DevOps workflows.

EXPERIENCE

Full Stack Developer Intern

Mentem Technologies

Sep 2023 – Mar 2024

- Developed frontend modules for a production Airport Lounge platform, improving application usability and performance through code-structure optimization.
- Designed and implemented a centralized product catalogue system to streamline content organization and reduce manual content-management effort.
- Collaborated in an Agile development workflow using Git and GitHub for version control and team-based development.

EDUCATION

JECRC University, Jaipur · Master's · 2027

Lachoo Memorial College Of Science & Technology, Jodhpur · Bachelor's · 2025

SKILLS

Languages and Frameworks: C++, CSS, HTML, JavaScript, Python, TypeScript, FastAPI, Node.js, React, Redux, SQLAlchemy, Tailwind CSS

Databases: MySQL, Redis

Tools: Docker, GHCR, Git, GitHub, GitHub Actions, REST APIs, WebSockets

PROJECTS

Niched - AI Digital Product Research & Generation Platform

Built an AI-powered research platform that analyzes Reddit and Google Trends to identify demand signals, user pain points, pricing patterns, and high-potential digital products. Architected an AI-powered research platform using Python, FastAPI, React, PostgreSQL, Ollama, WebSockets, Redis, and Docker. Automated deployment workflows utilizing GHCR and GitHub Actions.

Python, FastAPI, React, PostgreSQL, Ollama, WebSockets, Redis, Docker, GHCR, GitHub Actions

Equallii - Expense Splitting Platform

Built a full-stack expense-sharing application enabling custom bill splitting, settlements & multi-currency support. Implemented a debt optimization technique to compute the minimum number of settlements required among users. Developed using React, TypeScript, Tailwind CSS, Supabase, and deployed via Vercel.

React, TypeScript, Tailwind CSS, Supabase, Vercel

AWARDS

Smart India Hackathon 2025