

SOHAIB TOUSSEF

SUMMARY

I am a Full Stack AI Developer with expertise in Next.js, Python, and AI agent orchestration. I focus on creating intelligent software through spec-driven development and the use of OpenAI SDKs and Claude Code CLI. My goal is to deliver scalable applications that enhance user experiences with clean code and optimized systems. I thrive in building production-grade AI solutions that prioritize performance and user satisfaction.

SKILLS

Next.js · Python · Gmail · TypeScript ·
Clean Code · Vercel · GitHub · Modular ·
Node.js · Middleware · React · Tailwind ·
Redux Toolkit · MongoDB · Mongoose ·
JavaScript · JWT · Stripe · AWS S3 ·
Express.js · Postman · Chrome · REST ·
GraphQL · PostgreSQL · GitFlow ·
Docker · Git

SOFT SKILLS

Soft Skills

- Teamwork
- Communication
- Problem solving
- Time management
- Client handling

LANGUAGES

English	Native	★★★★★
Urdu	Native	★★★★★

FULL STACK AI DEVELOPER

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EXPERIENCE

FULL STACK AI DEVELOPER

01/2024

Project-Based & Hackathon Experience

Karachi, Sindh, Pakistan

Full Stack AI Developer

- Built complete applications from idea to deployment, including UI design, backend APIs, database schema, and AI integration.
- Participated in multiple hackathons, collaborating with teams to deliver functional prototypes under tight deadlines.
- Implemented AI features by integrating OpenAI APIs, handling prompt design, response validation, and error handling.
- Developed secure backend systems with JWT-based authentication, role-based authorization, and encrypted user data.
- Designed and optimized MongoDB and PostgreSQL databases, applying indexing and clean schema design for performance.
- Applied async/await patterns to handle concurrent API requests and AI inference efficiently.
- Created responsive, mobile-first user interfaces using Tailwind CSS, ensuring cross-browser compatibility.
- Improved application performance through code splitting, lazy loading, and optimized component rendering.
- Used Git and GitHub for version control, team collaboration, and hackathon project submissions.
- Tested APIs and workflows using Postman and browser developer tools to ensure stability and correctness.

EDUCATION

Computer Science

08/2020 - 06/2022

Islamic Vision School

Karachi, Sindh, Pakistan

Commerce

08/2023 - 06/2024

Premier Government College

Karachi, Sindh, Pakistan

CERTIFICATIONS

Governor House IT Initiative

Full Stack AI Development – Governor House IT Initiative (Completed)

Artificial Intelligence (AI) Program –

Governor House IT Initiative (In Progress)