

# 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)