

HOORNAIN KHAN

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SUMMARY

Full-Stack Developer with hands-on experience across the MERN stack, Next.js, and Python-based backends, comfortable moving between multiple tech stacks as projects demand. A fast learner by habit — recently picked up an unfamiliar stack and shipped a working project within two days. Skilled at AI-assisted development, including prompt engineering for LLM integrations and AI-accelerated debugging, with a strong habit of clear technical documentation and cross-functional collaboration.

SKILLS

Languages: JavaScript, TypeScript, Python, Java

Frontend: React, Next.js, Tailwind CSS, Bootstrap, Vite, Three.js, React Three Fiber, GSAP

Backend & Databases: Node.js, Express.js, FastAPI, GraphQL, PostgreSQL, MySQL, MongoDB, Prisma ORM, SQLAlchemy, Mongoose ODM, Bun

AI & Prompt Engineering: LLM Integration, RAG, Prompt Engineering, AI-Assisted Debugging

DevOps & Tools: Docker, Git/GitHub, Performance Optimization, Debugging

Core Strengths: Fast Learner, Technical Documentation, Team Leadership, Cross-Functional Collaboration

EXPERIENCE

Frontend Web Developer — *Dcrypt* Jan 2024 – Jun 2024

- Built responsive interfaces with React, Next.js, and Tailwind CSS for production applications
- Improved application performance by 35% through optimization; collaborated cross-functionally with backend teams

Administrator — *Codrel* May 2023 – Jun 2024

- Led community management for 500+ developers; organized 10+ technical events and workshops
- Gained backend and full-stack development experience while supporting the developer community

Freelance Full-Stack Developer — *Self-Employed* 2024 – Present

- Designed and deployed custom web solutions for diverse clients, ensuring scalability, security, and strong UX
- Mentored peers in full-stack integration, helping teams implement React, Node.js, and FastAPI solutions
- Delivered projects emphasizing clean architecture, maintainability, and scalable design patterns

FEATURED PROJECTS

FixPal Lite — **AI-Powered Debugging Assistant** [\[GitHub\]](#)

React, Node.js, Express, NVIDIA LLM API, Tesseract OCR, Docker

- Built an AI debugging tool supporting 5+ languages (JS, Python, Java, C++) with a smart file-ranking algorithm that identifies and fixes bugs in seconds using an LLM
- Integrated OCR for parsing error screenshots and a side-by-side buggy-vs-fixed code viewer with syntax highlighting
- Containerized the backend with Docker for consistent local and production deployment

TypeSpeedo — **Full-Stack Typing Speed Game** [\[Frontend\]](#) [\[Backend\]](#)

Next.js, TypeScript, GraphQL, Bun, Prisma, PostgreSQL, Docker

- Built a real-time typing speed game with JWT authentication, personal game history, and a global leaderboard
- Designed a GraphQL API on Bun and GraphQL Yoga with Prisma/PostgreSQL, fully containerized with Docker Compose

Library Management System [\[GitHub\]](#)

MERN Stack, JWT Auth, Gutendex API

- Built a role-based library system with user and admin flows: book browsing/search, borrowing with due-date and automatic fine calculation, and an admin dashboard for inventory and logs
- Integrated the Gutendex API to seed the catalog with real book data and metadata

EDUCATION

B.E. in Computer Science — Deccan College of Engineering and Technology, Hyderabad

Graduated June 2026