Ahsan Afzal

Full Stack AI Developer

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Professional Summary

Full Stack AI Developer who builds and ships AI-powered web products end to end: MongoDB schema design, secure Node/Express APIs, and responsive React/Next.js interfaces. Builds AI chatbots, WhatsApp integrations, and MCP servers, with production experience on an AI virtual-employee platform (NextAssist AI), an AI hiring platform with resume parsing and job-fit scoring (Nexa), and an on-demand services marketplace (Tealpot), plus a self-built and launched gaming marketplace (Lord's Hub). Works daily with AI coding assistants and AI-native IDEs (Cursor, Claude, GitHub Copilot, Kiro, Antigravity) and prompt engineering to ship faster without sacrificing code quality. Currently at NextPak Agile Solutions while completing a BS in Computer Science.

Technical Skills

- **AI & Prompt Engineering:** Prompt engineering, AI-assisted code generation and debugging, AI chatbot development, WhatsApp integration, MCP (Model Context Protocol) server development, building product interfaces and backend integrations for AI features, Claude, ChatGPT, GitHub Copilot, Cursor, Kiro, Antigravity
- **Frontend:** React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI
- **Backend & APIs:** Node.js, Express.js, REST API design, JWT authentication
- **Databases:** MongoDB, Firebase
- **State Management:** Redux Toolkit, React Query
- **Tools & Practices:** Git, GitHub, Postman, VS Code, responsive design, performance optimization

Experience

Full Stack AI Developer (MERN), NextPak Agile Solutions | March 2025 to Present

- Build full-stack features end to end, from MongoDB schema design to REST APIs to responsive React/Next.js interfaces, for AI products including NextAssist AI and Nexa and for the Tealpot marketplace.

- Build AI chatbot features, WhatsApp integrations, and MCP servers, and develop product interfaces and API integrations for NextAssist AI, an AI virtual employee that qualifies leads, books appointments, and handles customer support across web chat, WhatsApp, Messenger, Instagram, and phone.
- Built React interfaces integrated with backend APIs for Nexa's resume parsing and AI-driven job-fit scoring.
- Design and implement secure JWT-based authentication and authorization to protect routes, sessions, and sensitive data.
- Build admin dashboards and internal tools that let non-technical teams manage application data, users, and content.
- Diagnose and fix full-stack bugs and refactor existing codebases for performance, maintainability, reusability, and UI consistency.
- Use AI coding assistants and AI-native IDEs with prompt engineering to speed up feature delivery, debugging, and documentation.
- Work in an agile team using Git-based workflows and peer code review.

Freelance Full Stack Developer | 2022 to 2025

- Designed and delivered custom web platforms and marketplace solutions for clients, from Figma designs to modular React code.
- Integrated Firebase real-time databases and serverless functions for transaction handling.

Projects

Lord's Hub: Gaming Marketplace | Founder & Developer | lordshub.com

Designed, built, and launched a full-stack marketplace for verified Lords Mobile accounts, gems, diamonds, and automated bot services. Built with React/Next.js and backend services for listings, accounts, transactions, and live chat. Owned end to end, from architecture to deployment.

NextAssist AI | nextassistai.nextpak.org

AI virtual employee that qualifies leads, books appointments, and provides 24/7 support across web chat, WhatsApp, Messenger, Instagram, and phone. Built with Next.js.

Nexa | trynexa.com

AI hiring and training platform for sourcing, screening, and evaluating candidates through resume parsing and AI-driven job-fit scoring.

Tealpot | tealpot.com

On-demand services marketplace connecting customers with vetted local professionals, covering service listings, work orders, and secure hiring. Built with Next.js.

Vootee | vootee.com

Next.js client platform focused on performance, SEO-friendly rendering, and reusable component architecture.

Education

Bachelor of Science, Computer Science (Information Technology), Virtual University of Pakistan | Aug 2023 to Aug 2027

Languages

English, Urdu, Punjabi