

MUHAMMAD AASIM

Full-Stack AI Engineer

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PROFESSIONAL SUMMARY

Full-Stack AI Engineer with 6+ years shipping production React, Next.js, TypeScript, and Node.js products. Founding Software Engineer at UX Pilot AI, working directly with the founder and CTO to ship LLM-powered design-to-app generation, MCP tool calling, and WorkOS SAML SSO for enterprise customers. Resolves customer-facing issues end to end with the support team, and uses PostHog funnels and A/B tests to measure what ships. Remote-first and high-ownership, with 13 five-star client reviews.

TECHNICAL SKILLS

- Languages:** TypeScript, JavaScript, Python, SQL, HTML, CSS
- AI engineering:** OpenAI APIs, OpenAI Agents SDK, LangChain, RAG, Vector Databases, MCP Servers, Tool Calling, Cursor, Codex, Claude Code
- Frontend and mobile:** React, Next.js, React Native, Tailwind CSS, Playwright, Puppeteer, ShadCN UI, Material UI, Redux, Zustand
- Backend and databases:** Node.js, Express.js, NestJS, FastAPI, RESTful APIs, GraphQL APIs, PostgreSQL, MongoDB, MySQL, SQL Server
- Cloud and DevOps:** AWS EC2, AWS S3, AWS Lambda, Docker, GitHub Actions, CI/CD Pipelines, Vercel, Cloudflare, Supabase, Git
- Product and collaboration:** PostHog, A/B Testing, Funnel Tracking, Feature Flags, Session Replay, Figma, Slack, Notion, Jira, Asana, Loom, Postman

PROFESSIONAL EXPERIENCE

Senior Full-Stack AI Engineer - UX Pilot AI

Feb 2025 – Present | Contract | Remote | New York, USA

- As a founding engineer, partnered with the founder and CTO to architect and ship the core product.
- Built LLM-powered React and Next.js code generation so users can generate, edit, and preview apps from their designs.
- Implemented WorkOS SAML SSO across Azure AD, Google Workspace, and Okta for enterprise sign-in.
- Built an MCP server with tool calling so AI agents and IDEs can interact with the product.

Software Engineer - StudioX AI

Mar 2024 – Oct 2024 | Contract | Remote | San Jose, California, USA

- Built OpenAI API-powered assistant and document Q&A workflows for PDFs and spreadsheets.
- Shipped document signing, transcription, task management, and flow chart features.
- Built React and TypeScript dashboards and drag-and-drop interfaces.

Senior Full-Stack JS Developer - AVROX Solutions

Jun 2023 – Feb 2024 | Contract | Hybrid | Islamabad

- Built and optimized large-scale React and Node.js web apps in a hybrid Eastern Time night-shift model.
- Owned REST API delivery, performance tuning, code reviews, and direct client requirement gathering.
- Mentored junior developers on the team.

Independent Full Stack Developer - Fiverr

2020 – 2023 | Part-time freelance | Remote | Worldwide clients

- Worked independently as a Full-Stack Developer on Fiverr, owning projects end to end — scoping, build, revisions, and deployment.
- Delivered responsive React, Next.js, and React Native apps for clients in the US, Canada, France, and other markets, with consistently strong 5-star reviews.
- Reached Level 2 Seller status by handling client communication, timelines, and delivery without a team.

EDUCATION

Bachelor of Science in Information Technology - The Shaikh Ayaz University Shikarpur

2017 - 2020

CERTIFICATIONS

- Python for Data Science, AI & Development** IBM (via Coursera) | Nov 2024
- Certified Cloud Native Developer** PIAIC | Jan 2023
- Google IT Support Specialization** Google (via Coursera) | Mar 2020