Ali Raza Khan

Senior Full-Stack Engineer • Founder, Gentling AI • Lahore, Pakistan

+92 346 4165188 khan47.aliraza@gmail.com alirazakhan.me linkedin.com/in/khanaliraza github.com/ALIRAZA47

SUMMARY

Senior full-stack engineer (MERN, TypeScript) and founder of Gentling AI with 4+ years shipping production apps, from React and Next.js front-ends to Node.js APIs, MongoDB, deployment and Ubuntu servers. Builds AI features on top: LangChain workflows, agents and MCP connectors. Also ships open-source macOS apps in Swift and a Go CLI.

EXPERIENCE

Founder & Senior Full-Stack Engineer • Gentling AI, Lahore — July 2026 — Present

- Built Vesta Connect, an MCP connector for Claude and ChatGPT that connects all of an organization's data in one place to query in natural language.
- Built its React admin console for data-source access, plus scoped API keys, IP allowlists and an OpenAPI REST API.
- Delivered Outova's React dashboard, Pulse app, MCP connector and Node/Bun APIs on self-hosted MongoDB 8.0.
- Built Helios, a React/Next.js dashboard with an AI agent that reports on client data.
- Run production on Ubuntu with nginx, PM2 and Let's Encrypt across client subdomains.

Tech: MCP, MongoDB, Node.js, Express, React, Next.js, TypeScript, Bun, MS SQL Server, Claude API, OpenAPI, nginx

Senior Software Engineer • Freewill, Lahore — Jan 2026 — July 2026

- Built NestJS services and React interfaces for Grant Assistant AI, which finds funding and drafts grant content.
- Integrated LangChain LLM workflows for grant research and proposal drafting.
- Designed AWS infrastructure on Lambda, SQS, EventBridge, S3 and CloudFront.

Tech: Node.js, NestJS, React, AWS, Redis, LangChain, LLMs

Senior Software Engineer • Automato AI, Chicago (Remote) — July 2025 — Dec 2025

- Architected NestJS microservices on MongoDB for an Amazon listing optimizer.
- Built React features and integrated the Amazon SP API with OpenAI and Bedrock to generate and sync listing content.

Tech: MongoDB, NestJS, React, Node.js, AWS, Firebase, Amazon SP API, OpenAI, Bedrock

Senior Software Engineer • Septem Systems, Lahore — May 2022 — June 2025

- Lead engineer for a mid-level product, building REST APIs in Express and NestJS.
- Full-stack developer on BionicWP, a managed WordPress host: NestJS API, Vue 3 app, Stripe billing and live stats.

Tech: MongoDB, Express, React, Node.js, TypeScript, NestJS, Vue, Redux, Stripe, Redis, MySQL

OPEN SOURCE AND PROJECTS

Dynotch (Swift, MIT) MacBook notch hub in about 22,800 lines of SwiftUI and AppKit, with no third-party dependencies.
MarDock (Swift, MIT) Private macOS dock with 120 Hz spring physics, a theme editor and no network entitlement.
ratline (Go, AGPL-3.0) Provisions isolated tenants and web apps on a bare Ubuntu VPS, with a built-in MCP server.
sage100-mcp (Python) Read-only MCP server that lets Claude answer questions from Sage 100 ERP data.
nestjs-powertools (TypeScript, MIT) NestJS guards and interceptors for auth, audit logging and resilient HTTP, on npm.
FlowState (TypeScript) Tracks what you're watching, reading and learning, on Next.js 15 and Firebase.
Agora (React, Bun, Fastify, MongoDB, Socket.IO) Learning community with a sourced philosophy library and live chatrooms.

SKILLS

AI	Claude, OpenAI, Bedrock, LangChain, AI agents, MCP servers
Frontend	React, Next.js, Redux Toolkit, MUI, Vue, Tailwind CSS
Backend	Node.js, NestJS, Express.js, Fastify, Bun, REST, OpenAPI, Socket.IO
Data and auth	MongoDB (Mongoose), MySQL, MS SQL Server, Redis, Firebase, OAuth 2.0, Passport.js
DevOps	AWS (Lambda, SQS, S3, CloudFront), nginx, PM2, Docker, Ubuntu, Git
Languages	TypeScript, JavaScript, Python, Swift, Go, SQL, HTML, CSS

EDUCATION

Bachelor's in Computer Science • Namal College, Mianwali (affiliated with UET Lahore) — 2022 • CGPA 3.5