

Raza Hussain Akbari

Senior Software Engineer | Full Stack

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SUMMARY

Full-stack engineer with over 5 years owning features end to end backend services through admin/ops UI and into the client app with no hand-off to separate front-end or mobile teams. Backend work spans typed, production-critical services in Go (Gin, Fiber) and Node.js/TypeScript (NestJS, Express), with PostgreSQL and Redis; frontend work spans Next.js/React ops and admin tooling used daily to manage infrastructure. AI coding agents (Claude Code) are a core, daily part of how I write, review, and ship code, not an occasional aid. Comfortable with production concerns around auth, data integrity, and edge cases recently closed a client security-audit finding on token handling.

TECHNICAL SKILLS

Programming Languages: Go (Gin, Fiber), TypeScript, Java, Python.

Frontend / Ops Tooling: React.js, React Native, Expo, Next.js (App Router), Redux, Zustand, TanStack Query, ReactFlow/D3 for interactive ops UIs, microfrontend architecture

Backend Frameworks: Node.js, NestJS, Express.js, FastAPI, Flask, Django, Spring boot, GraphQL, RESTful APIs

AI-Assisted Development: Claude Code (Agentic AI usage) used daily for implementation, code review, and shipping

Cloud & Infra: AWS (EC2, S3), GCP, Azure, Kubernetes, Docker, Docker Compose, VMware, OpenStack, Terraform (basic)

DevOps / Tools: Git, GitHub Actions, Jenkins, Ansible, Postman

EXPERIENCE

Senior Software Engineer | iVolve Technologies

Jan 2026 - Present

- Own feature slices end to end for a multi-cloud management platform from Go and Node/Python backend services, through internal admin/ops UI, into the customer-facing Next.js app with no separate front-end team handoff.
- Developed and maintained cross-platform mobile applications using React Native and Expo, integrating REST APIs, authentication, push notifications, and reusable components while collaborating closely with backend services.
- Use Claude Code daily as the primary way code gets written, reviewed, and shipped, including scaffolding new service modules and generating structured implementation plans ahead of coding.
- Built VM provisioning and bare-metal management modules end to end, including an interactive network topology view (ReactFlow, D3) used as ops tooling by internal teams.
- Moved authentication off localStorage tokens to a backend-for-frontend layer with HttpOnly cookies (Next.js Route Handlers) to close a client security-audit finding direct experience handling auth and user-data edge cases carefully.
- Built backend microservices in Go (Gin, Fiber) for API-heavy, concurrency-sensitive workloads; wrote the shared component library and monorepo microfrontend structure that lets feature teams ship independently.
- Set code review standards and CI/CD pipelines (GitHub Actions, Jenkins); manage cloud infrastructure across AWS, GCP, and Azure without owning it as a dedicated function.
- Translate business requirements directly into technical specs and scope trade-offs with product managers, owning the call on what's worth building.

Software Engineer | iVolve Technologies

Nov 2021 - Dec 2025

- Took several product modules from empty repo to production, owning both the backend services and the frontend consuming them.
- Wrote Go REST services (Gin, Fiber) backed by PostgreSQL for correctness-critical data paths.
- Built full-stack features across Next.js/React web applications, React Native/Expo mobile applications, Node.js (NestJS, Express), Python (FastAPI, Django), Java (Spring boot) and Go backends.

- Implemented mobile features including navigation, state management, API integration, authentication flows, and responsive UI using React Native and Expo, delivering production-ready cross-platform applications.
- Containerized services with multi-stage Docker builds; ran deployments across AWS, GCP, VMware, and OpenStack.
- Set up CI/CD pipelines that cut deployment downtime; worked with PostgreSQL and MySQL in production.

Trainee Software Engineer | iVolve Technologies

Aug 2021 - Nov 2021

- Completed intensive TypeScript and full-stack training; contributed to documentation and production maintenance.

Internee Engineer | The General Tyre and Rubber Company

May 2019 - Jun 2019

- Programmed and debugged PLCs for industrial automation; commissioned a fabric cutting machine and designed Siemens HMI interfaces.

EDUCATION

M.S. Data Science (WES Verified) | NED University of Engineering and Technology

Thesis: A Novel Approach to Improve Question Answering Systems Using OpenAI GPT-3 — trained custom models and benchmarked performance against DistilBERT.

B.S. Electrical Engineering (WES Verified) | Sir Syed University of Engineering & Technology