

MD MONIRUZZAMAN

Software Architect | Senior Full-Stack Engineer | AI-Native Platforms & Multi-Tenant SaaS

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Remote (US/UK/EU overlap) | Open to Relocation

PROFESSIONAL SUMMARY

Software architect and senior full-stack engineer with 8+ years in the TypeScript/JavaScript ecosystem, specializing in AI-native platforms and multi-tenant SaaS: AI agent systems, Model Context Protocol (MCP) tooling, multi-provider Large Language Model (LLM) integration (AWS Bedrock, OpenAI, Anthropic Claude), durable Temporal orchestration and fine-grained OpenFGA authorization. Architected shared-database SaaS for 1,000+ tenants and operated production Kubernetes environments end to end, from managed GKE to self-hosted bare-metal clusters. Founder of Webanion and CTO of a UK booking service used by 1,000+ people daily.

ACHIEVEMENTS

- **Top 3% worldwide on Upwork (2024)** | Earned Top Rated Plus | 100% Job Success Score across 45 contracts
- **1,000+ tenants** on one shared database with per-tenant credential isolation | Design adopted across an engineering organization
- **Zero-downtime migration** of a live booking system used by 1,000+ people a day to self-hosted Kubernetes
- **14 NestJS packages** published and versioned on npm | Portfolio queryable by AI through a custom MCP server
- **3.5 years, one client, 40 accepted milestones** | Sustained ownership from first commit through production

TECHNICAL SKILLS

Software Architecture, System Design, Multi-Tenant Architecture, Event-Driven Architecture, Distributed Systems, Cloud Architecture, Database Architecture, Microservices, AI Agents, Large Language Models (LLM), Model Context Protocol (MCP), AWS Bedrock, OpenAI, Anthropic Claude, Temporal, OpenFGA, TypeScript, JavaScript, Python, Node.js, NestJS, GraphQL, REST APIs, React.js, Next.js, Vue.js, React Native, Expo, Electron, PostgreSQL, MongoDB, Redis, Kubernetes (K8s), Docker, CI/CD (GitHub Actions), AWS, Google Cloud Platform (GCP), Linux, Stripe, Jest, Playwright, Agile

PROFESSIONAL EXPERIENCE

Webanion | Dhaka, Bangladesh

Founder & Software Architect (On-Site) | Sep 2026 – Present

- Led a full-time AI-native software practice; shipped an MCP server exposing a live portfolio to AI assistants (Next.js, Strapi, PostgreSQL, 5 localized content languages).
- Operate a self-hosted 2-node k3s Kubernetes cluster (Traefik, Cloudflare tunnels) hosting production client workloads.

Founder & Full-Stack Engineer (On-Site) | Feb 2021 – Aug 2026

- Delivered cross-platform products for clients in 3 countries (UK, US, Bangladesh): React Native mobile, Next.js web, Electron desktop, NestJS backends.

- Published 14 versioned NestJS packages on npm and engineered a cooperative finance platform (members, ledger, loans, audit, and multi-branch).

Fully Booked | London, United Kingdom

CTO & Head of Engineering (Contract | Remote) | Jun 2026 – Present

- Own architecture and technology direction for a booking product with 1,000+ daily users.
- Migrated the entire live system to self-hosted Kubernetes (k3s, Kustomize, gated deploys) with zero recorded downtime, eliminating recurring cloud hosting costs.

Lead Engineer (Contract | Remote) | Jan 2025 – May 2026

- Consolidated 7 codebases into one monorepo with GitHub Actions CI/CD, then released 4 versioned platform updates with automated per-surface version tagging.
- Launched Prebooked, an npm-published embeddable widget that turns any partner website into a booking channel with a single line of script.

Full-Stack Engineer (Contract | Remote) | Apr 2023 – Dec 2024

- Built the product solo from the first commit: a React Native (Expo) mobile app published on both iOS and Android, 3 web apps (customer, operator, admin), and a NestJS + GraphQL backend on MongoDB.
- Integrated Square payments, Twilio messaging, real-time notifications and offline mode, with bookings synced instantly across all 4 client apps.

Upwork | United States

Senior Full-Stack Engineer (Freelance | Remote) | Apr 2023 – Present

- Led long engagements with full product ownership: MVP to production across 40 milestones, an 18-month engagement with 11 accepted milestones, 5 contracts with a single client over 3 years.
- Earned a featured spot among Upwork's top React Native and React developers (2024).

Full-Stack Developer (Freelance | Remote) | Dec 2021 – Mar 2023

- Completed 26 contracts across React, React Native and Node.js for clients in 4 regions (US, UK, EU, Middle East), with repeat clients returning 3 and 4 times.

Rocksteady Technology LLC | Texas, United States

Senior Software Engineer, Platform (Contract | Remote) | Feb 2026 – Jun 2026

- Architected shared-database multi-tenant SaaS for 1,000+ tenants with per-tenant credential isolation; patterns adopted organization-wide.
- Engineered OpenFGA fine-grained authorization, durable Temporal workflows and Stripe metered billing; administered GKE Kubernetes across 2 environments (staging, production).

Software Engineer (Contract | Remote) | Dec 2025 – Jan 2026

- Started on an Electron/TypeScript brief and expanded to full-stack scope within 7 weeks through cross-stack debugging, service-integration troubleshooting and PostgreSQL query optimization.

WorkflowFiesta | United States

Engineering Lead (Contract | Remote) | Feb 2026 – Jun 2026

- Directed a distributed engineering team and owned an AI workflow-automation product line from architecture to delivery across a 5-month engagement.
- Designed agent-driven workflows integrating 3 LLM providers (AWS Bedrock, OpenAI, Anthropic Claude) with durable Temporal orchestration and per-tenant isolation.

Edulog (Education Logistics) | Montana, United States

Software Engineer (Full-time | Remote) | Feb 2026 – Jun 2026

- Shipped the Field Trip Management module and improved admin dashboards on Athena, a cloud-native K-12 transportation platform (Vue.js, Node.js, PostgreSQL, microservices).

TestFiesta | United States

Full-Stack Engineer (Contract | Remote) | Dec 2025 – Jun 2026

- Resolved 50+ complex issues in the first month across UI, APIs, Node.js services, PostgreSQL and background workers; hardened database migrations and query performance.

Clear Concept | Dhaka, Bangladesh

Full-Stack Developer (Part-time | Hybrid) | May 2020 – Feb 2021

- Developed a health and science education web app on Node.js, Express and MongoDB with 4 content modules (articles, video, Q&A, bookings).

EDUCATION

Jahangirnagar University | Dhaka, Bangladesh

Bachelor of Pharmacy (B.Pharm) | 2018 – 2023