Nazmul Khalid

Lead Full-Stack Engineer · SaaS, MVPs & Mobile Apps

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Dhaka, Bangladesh (UTC+6) · Remote, worldwide

Lead software engineer with 10+ years of experience building SaaS platforms, MVPs and Flutter mobile apps, and running them in production. I own the full path: architecture, backend and frontend, mobile, and the servers, CI/CD and monitoring behind them. Recent work spans telemedicine, doctor discovery, and multi-tenant school and hospital SaaS. Available 05:00–23:00 Bangladesh time, covering the UK, Europe, the Gulf and Australia, plus the US East Coast morning.

EXPERIENCE

Founder & Lead Engineer · ***Bicitra*** Jan 2026 – Present

- **Bicitra EMS** (ems.bicitra.com): multi-tenant school management SaaS. NestJS/TypeScript API on Prisma and PostgreSQL, Next.js dashboard, and a Flutter app for parents, teachers, gate staff and drivers. Tenant isolation is enforced structurally, with 338 automated tests (API, Playwright, Flutter).
- **Bicitra Commerce**: self-hosted eCommerce platform (Laravel, Vue 3, MySQL) shipped as installable releases, with a zero-downtime self-update pipeline that works even on shared hosting.

Lead Software Engineer · ***WebCode Technology, Dhaka*** Sep 2024 – Present

- **DocBee** (docbeebd.com): telemedicine platform. Flutter patient and doctor apps, Vue 3 admin, Node.js/Express + MongoDB API with Redis-backed Socket.IO, and a Next.js site. Real-time video consultations, booking and doctor payouts.
- **BD Doctors Directory** (bddoctorsdirectory.com): Next.js site with SEO pages for every city and specialty, a doctor patient/prescription app, a Vue 3 admin and growth CRM, and a Node.js/MongoDB API with OpenAI features. 660+ verified doctors listed.
- **Hospital management SaaS** (MVP): multi-tenant design with Postgres row-level security, NestJS API, Next.js apps and BullMQ workers. 768 API tests; load-tested at 3× a busy hospital's peak hour with zero failures.
- Deployment and production support on AWS, Docker and Redis.

Senior Systems Engineer · ***WebCode Technology, Dhaka*** Jan 2019 – Aug 2024

- Built and maintained commerce and web platforms, backend systems and deployment infrastructure (Node.js, PHP/Laravel, React, Vue, Docker, AWS, MySQL, PostgreSQL), improving application performance, operational reliability and deployment workflows.

Web Developer & DevOps Engineer · ***Surrey DJ (freelance, remote), London*** Apr 2016 – Jan 2019

- Web application development, deployment environments and infrastructure support across client and business projects: frontend and backend development, server management, deployment workflows and maintenance.

SKILLS

Languages	TypeScript, JavaScript, PHP, Dart, SQL
Backend	Node.js, NestJS, Express, Laravel, REST APIs, Microsoft 365 and Azure API integrations, Socket.IO, BullMQ
Frontend	Next.js, React, Vue 3, Tailwind CSS
Mobile	Flutter (Android and iOS), app-store releases
Data	PostgreSQL (row-level security, PgBouncer), MySQL, MongoDB, Redis, Prisma
DevOps	Docker, AWS, Azure, Linux, Nginx, CI/CD (GitHub Actions), backups and monitoring, Playwright, k6

EDUCATION

BSc in Computer Science · Daffodil Institute of Information Technology (DIIT), Dhaka 2015 – 2019

Languages: English (fluent), Bengali (native)