

MD BALAL HOSAN

Senior Full-Stack Developer & Software Engineer

Dhaka, Bangladesh | contact@balalhosan.com | +880 1700-000000 | github.com/balalhosan | balalhosan.com

PROFESSIONAL SUMMARY

Versatile, results-driven Full-Stack Developer with 7+ years of hands-on experience designing, developing, and deploying resilient web applications, distributed APIs, and scalable digital platforms. Deep expertise in Next.js, React, TypeScript, Node.js, PostgreSQL, Docker, and modern cloud deployment. Proven track record of delivering 40+ production projects with sub-second page performance, robust security, and clean architecture.

CORE TECHNICAL SKILLS

Frontend Development: Next.js 14+ (App Router), React 18/19, TypeScript, JavaScript (ES6+), Tailwind CSS, State Management (Zustand)
Backend & Systems: Node.js, Express, PHP, RESTful APIs, GraphQL, Serverless Architecture, WebSockets, Role-Based Access Control
Databases & Cloud: PostgreSQL, MySQL, Redis, Firebase/Firestore, Docker, Vercel, Supabase, Linux, Performance Profiling
Methodologies & Tools: Git/GitHub, CI/CD Workflows, System Architecture, Test-Driven Development, SEO Optimization, Agile/Scrum

WORK EXPERIENCE

Lead Full-Stack Developer & Software Architect

Plaxora Tech Group | 2023 - Present

- Architected and led the engineering of multiple full-stack production systems using Next.js, TypeScript, Node.js, and PostgreSQL.
- Engineered high-performance REST and GraphQL microservices, achieving 99.98% platform uptime and sub-100ms API response latency.
- Guided 150+ aspiring tech professionals into modern full-stack development and engineering best practices.
- Implemented automated CI/CD deployment pipelines on Vercel and Docker container environments.

Senior Full-Stack Engineer

Independent Software Consultant | 2020 - 2023

- Engineered custom SaaS solutions, e-commerce platforms, and database backends for international corporate clients.
- Integrated secure payment gateways (Stripe, SSLCommerz, local gateways) and real-time webhook inventory syncing.
- Improved Lighthouse scores from 65 to 98+ across client web properties through SSR, image optimization, and code splitting.

Web Developer & Technical Specialist

Digital Solutions Agency | 2018 - 2020

- Built dynamic database-driven web applications and client administration portals using PHP, JavaScript, and MySQL.
- Collaborated closely with marketing and design teams to ensure high conversion rates and intuitive user flows.

FEATURED FULL-STACK PROJECTS

Multi-Tenant Digital Products Marketplace

[Next.js, TypeScript, PostgreSQL, Tailwind, Stripe API]

Engineered a headless digital marketplace with automated licensing, encrypted link distribution, and real-time sales reporting.

Developer Tooling & Production Snippet Hub

[Next.js, Node.js, MDX, Redis, Docker]

Built a search-optimized code library and component repository with syntax highlighting and instant GitHub integration.

High-Speed Headless E-Commerce Platform

[React, Node.js, PostgreSQL, Tailwind CSS]

Developed a mobile-first retail store with 1-step checkout, courier tracking, and offline-resilient product caching.