

Anik Hasan

Senior Full-Stack Developer & Technical Architect

Email: anikgtx@gmail.com | GitHub: github.com/1ik | Portfolio: https://anik.rocks
Location: Dhaka, Bangladesh | Open to Remote Opportunities

Senior Full-Stack Developer with 10+ years of experience building enterprise-scale applications across Financial Technology, Government Systems, and Aviation Industry. Led development of live trading platform serving 200,000+ users with real-time financial transactions. Proven track record in team leadership, microservices architecture, and regulatory compliance. Experience with Fortune 500 partnerships (British Telecom) and enterprise airline software solutions.

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer & Team Lead | Azarc.io

May 2021 - July 2025 | Remote

- Led frontend architecture for UK Government customs clearance platform (Rune) with British Telecom partnership, building microfrontend system using React and Module Federation serving UK border modernization pilot program
- Engineered automated IPAFFS rules scraping system using Golang cron jobs for live gov.uk regulatory compliance with diff tracking and automated Phytosanitary certification via background processing
- Implemented full-stack Rune Form Application with dynamic wizard forms using React JSON Schema Form library and real-time GraphQL/WebSocket for UK Government customs declarations
- Developed Golang backend for UK customs validation with GoMock testing, implementing data validation logic and automated certification processing through background job integration
- Architected BPMN workflow orchestration platform (VeraThread) using Angular with PrimeNG and Nx monorepo, enabling 50%+ faster development through build caching optimization
- Led teams of 2-5 engineers maintaining architectural standards across distributed frontend teams with government-grade reliability

Technologies: React, Angular 2, Material-UI, GraphQL, Golang, TypeScript, BPMN.js, PrimeNG, Nx Monorepo, gRPC, Module Federation, WebSocket, JSON Schema, GoMock

Lead Technical Architect & Full-Stack Developer | biniyog.com.bd

2022 - Present | Part-time Contractor | Remote

- Architected microservices trading platform for Bangladesh's leading digital brokerage serving 200,000+ online account holders with direct DSE integration and real-time transaction processing
- Developed automated trading solution (FlexTP) with Puppeteer automation for direct DSE integration, reducing manual order placement effort and streamlining execution workflow
- Engineered portfolio management system with real-time market data and payment gateway integration (bKash, SSLCommerz) for comprehensive financial operations
- Implemented Playwright E2E testing with n8n workflow automation for periodic monitoring, ensuring platform stability and proactive issue detection
- Developed automated CI/CD pipeline with one-click deployment to dev and production servers, streamlining remote team collaboration

Technologies: React 19, NestJS 11, TypeScript, MySQL, Redis, MongoDB, RabbitMQ, Docker, Nginx, Python, Playwright, n8n, CI/CD

Web Developer | BlackSwan Data

2015 - September 2020 | Remote

- Developed 60%+ of frontend features for PortalWorks 2.0 enterprise airline seatback portal builder with real-time flight data integration supporting multiple airlines
- Led Angular 1.x to Angular 2 migration and CoffeeScript to TypeScript transition, maintaining system functionality during framework evolution
- Integrated Panasonic APIs for live flight telemetry and passenger information systems, enabling real-time flight data and aircraft information
- Implemented unit testing using Jasmine and RxJS, improving frontend code coverage to 70%+
- Mentored junior developers and established development best practices across 5-year tenure

Technologies: Angular 1.x/2, TypeScript, CoffeeScript, Java, Jasmine, RxJS, RESTful APIs

Freelance Developer | Upwork

2014 - 2016 | Remote

- Completed 15 successful projects with 4.3-5.0 star ratings, earning \$100,000+ through long-term client relationships
- Delivered 1-year Laravel development contract (816 hours) with 5.0/5 rating
- Technology progression: WordPress → Angular JS → PhoneGap → React Native → Laravel

Technologies: Laravel, AngularJS, PhoneGap, React Native, WordPress, CSS3, Bootstrap

OTHER PROJECTS AND ACTIVITIES

- NestJS Modules Library** (Open Source): Published reusable Firebase push notification modules for NestJS with Docker containerization | github.com/devrecipies/nestjs-modules
- Git-Lib Utility Tool** (Open Source): Command-line git utility for streamlined commit and push operations | github.com/1ik/git-lib
- Active Trader:** Dhaka Stock Exchange (DSE) since 2023, applying technical analysis and market research skills

TECHNICAL SKILLS

Frontend Development

React 19, Angular 2+, Next.js 15, TypeScript
Material-UI, Ant Design, Bootstrap
Redux, Easy Peasy, WebSockets

Databases & Storage

MySQL, MongoDB, Redis, SQLite
Database Design, Query Optimization
Caching Strategies

Financial Technology

Automated Trading Systems
Payment Gateway Integration
Real-time Market Data Processing
Regulatory Compliance (DSE, BSEC)

Backend Development

NestJS 11, Node.js, Golang, Laravel
Java, Python, Microservices, CQRS
RESTful APIs, GraphQL, gRPC

DevOps & Cloud

Docker, Nginx, Apache
Digital Ocean, AWS (Learning)
CI/CD, Deployment Automation

Leadership & Architecture

Team Leadership & Mentoring
System Architecture Design
Code Reviews & Best Practices
Project Management

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science
BRAC University, Bangladesh | 2010-2014

Notable Academic Projects:

- Multi-Outlet Retail Management System: Hybrid web-desktop solution with offline synchronization (CodeIgniter, Java, MySQL)
- University Scholarship Management Platform: Institutional software with multi-language support (PHP, JavaScript, MySQL)
- Motion Capture Robotics System: Xbox Kinect integration with Arduino hardware control

Professional Development:

- ACM ICPC Competitive Programming Participation
- Various Hackathons and Coding Competitions
- Self-taught in emerging technologies and frameworks