

Nazmul Haque

Software Engineer Frontend Focus | TypeScript | React/Next.js | Node.js | AI/Agentic Coding

📍 Farmgate, Dhaka | 📞 +8801785-362016 | ✉️ bpinazmul18@gmail.com | 🌐 [Portfolio](#) | 📁 [GitHub](#)

Professional Summary

Full-Stack Software Engineer with 5+ years of experience building scalable SaaS and enterprise applications using TypeScript, React/Next.js, Node.js, PostgreSQL, Docker, and CI/CD. Focused on AI-native software engineering, agentic coding workflows, developer automation, reusable agent context, MCP integrations, and automated verification. Experienced in transforming complex engineering requirements into structured specifications, implementation workflows, and production-ready software.

Professional Experience

Azzin.us — *Software Engineer (Full-Stack)*

📍 Dhaka, Bangladesh | 📅 Nov 2025 – Present

- Applied AI coding agents to accelerate feature implementation, debugging, refactoring, test generation, and code-review workflows.
- Developed reusable AI-assisted engineering workflows for repository exploration, implementation planning, testing, and debugging.
- Used structured specifications, repository context, and automated verification to improve reliability of AI-generated code.
- Leading frontend architecture and development of scalable SaaS platforms, driving performance, maintainability, and reusable UI systems.
- Designed and implemented pixel-perfect, responsive user interfaces using React and React Native for scalable SaaS applications.
- Designed, maintained, and scaled reusable component libraries shared across multiple applications, reducing duplicate UI development by approximately 40% while improving consistency and maintainability.
- Collaborated with backend engineers to integrate over 150 REST API endpoints, ensuring scalable data flow, maintainable frontend architecture, and seamless user experiences.
- Implemented advanced performance optimizations including code splitting, lazy loading, memoization, and bundle size reduction.
- Ensured accessibility (WCAG best practices), cross-browser compatibility, and mobile-first responsiveness.
- Participated in architecture discussions, sprint planning, and code reviews to maintain high engineering standards.
- Refactored legacy frontend modules, resolved complex production issues, and improved application scalability and maintainability.
- Wrote modular, maintainable, well-tested code following SOLID principles.

Tech Stack: React, Next.js, React Native, TypeScript, TailwindCSS, RTK Query, REST API Integration, Git

Markopolo.AI — *Software Engineer*

📍 Dhaka, Bangladesh | 📅 July 2024 – Nov 2025

- Led frontend development for AI-powered analytics dashboards and the Markopolo marketing platform, delivering scalable and performant user interfaces.
- Mentored junior developers through code reviews, pair programming, and UI refactoring sessions, improving overall team code quality and delivery speed.
- Collaborated closely with backend engineers and product managers to design seamless API integrations and user flows.
- Architected reusable component libraries using advanced React optimization techniques, improving consistency and reducing code duplication.
- Improved application performance through code splitting, lazy loading, dynamic imports, memoization, and efficient caching strategies.
- Led UI/UX optimization efforts, aligning closely with design teams to deliver pixel-perfect, responsive layouts that enhanced usability and accessibility.
- Monitored and optimized frontend performance via Lighthouse, React Profiler, and bundle analysis to ensure fast load times and smooth user experience.
- Developed and maintained REST APIs using Node.js, Express.js, and NestJS, implemented input validation and sanitization, and integrated third-party APIs including Facebook, Google Ads, and TikTok.
- Communicated proactively with stakeholders, providing clear technical updates, managing timelines, and aligning deliverables with product goals.
- Containerized applications using Docker for development and deployment.
- Implemented secure authentication and authorization using JWT and OAuth2.

- Integrated AWS Cognito for secure user authentication and authorization.
- Followed frontend security best practices including XSS prevention, secure authentication, and API authorization.
- Conducted peer code reviews and architectural discussions.

Tech Stack: React, Next.js, TypeScript, Mantine UI, React Query, RTK Query, Node.js, Express.js, NestJS, MongoDB

Hishabee Technology Ltd. — Frontend Developer (React) 📍 Dhaka, Bangladesh | 📅 Oct 2021 – June 2024 (On-site)

- Developed and maintained applications serving over 4 million users.
- Improved frontend performance through rendering optimization, lazy loading, and efficient state management.
- Developed scalable web applications using React, Next.js, and TypeScript.
- Mentored junior developers, improving code quality and development speed.
- Improved accessibility following WCAG 2.1 standards including semantic HTML, keyboard navigation, ARIA attributes, and screen-reader compatibility.

Tech Stack: React, Next.js, TypeScript, Redux, Redux Toolkit, TailwindCSS, REST APIs, RTK Query

BoomDevs — Frontend Developer

📍 Bogura, Bangladesh | 📅 Oct 2020 – Oct 2021 (On-site)

- Designed and developed pixel-perfect, responsive UI from Figma prototypes.
- Built reusable and scalable component libraries, improving consistency across multiple projects.
- Optimized responsive user interfaces for cross-browser compatibility and mobile-first experiences.
- Integrated REST APIs and collaborated with backend developers to deliver production-ready features.

Tech Stack: React, Vue.js, JavaScript (ES6), TypeScript, HTML5, CSS3, Bootstrap, TailwindCSS

Selected Projects

[Markopolo Web App](#)

Role: Full-Stack Engineer

Tech: React, TypeScript, React Query, Mantine UI, and Shadcn

- Built and maintained an enterprise marketing automation platform using React and TypeScript.
- Developed campaign analytics dashboards and reporting interfaces.
- Optimized rendering performance through lazy loading, memoization, and code splitting, significantly reducing page load time.
- Built reusable UI modules used across multiple features.

[Deepdive \(Markopolo.AI\)](#)

Role: Frontend Developer

Tech: React, [D3.js](#), [Chart.js](#), Recharts, TypeScript, Mantine, TailwindCSS, RTK Query

- Developed data visualization and analytics dashboards for marketing insights.
- Designed reusable visualization components for interactive reporting, drill-down analytics, and real-time data synchronization.

[Paikari \(Hishabee Technology Ltd.\)](#)

Role: Frontend Developer

Tech: React, Next.js, TypeScript, TailwindCSS, Redux Toolkit, RTK Query

- Built wholesale e-commerce platform for B2B sellers and buyers.
- Developed secure authentication, product and order management, and REST API integrations.
- Built responsive and reusable user interfaces for product catalog, inventory, and order management workflows.

Education

Sonargaon University, Dhaka — BSc in Computer Science & Engineering (CSE)

📅 July 2022 – 2026 | CGPA: 3.39

Bogura Govt. Polytechnic Institute, Bogura — Diploma in Computer Technology

📅 July 2016 – 2020 | CGPA: 3.66

Skills

Agentic Engineering: Agentic Coding, AI Coding Agents, Context Engineering, Agent Workflows, Agent Instructions, MCP, Developer Automation, Automated Code Verification, AI-assisted Testing

AI Development Tools: Claude Code, Cursor, GitHub Copilot, Codex

Frontend: React.js, Next.js, TypeScript, JavaScript ES6+, HTML5, CSS3, Tailwind CSS, Mantine UI, Redux, Redux Toolkit, React Query, RTK Query, Zustand, SSR, CSR, [Vue.js](#)

Frontend Architecture: Component Architecture, Design Systems, Reusable Components, Clean Architecture, SOLID Principles, State Management, API/Data Layer Architecture

Performance: Code Splitting, Lazy Loading, Dynamic Imports, Memoization, Bundle Optimization, Rendering Optimization, Lighthouse, React Profiler

Accessibility: WCAG 2.1, Semantic HTML, Keyboard Navigation, ARIA, Screen Reader Compatibility, Responsive Design

Testing & Quality: Jest, Unit Testing, Code Reviews, Debugging, Refactoring

Backend: Node.js, Express.js, NestJS, REST API Development

Database: PostgreSQL, MongoDB

DevOps & Tools: Git, GitHub Actions, CI/CD, Docker, Linux, Bash

Others: Third-party API Integration, Microservices, Figma, Cross-browser Development

Certifications

- [JavaScript \(Intermediate\)](#) HackerRank
 - [Frontend Developer \(React.js\)](#) HackerRank
 - [Back End Development and APIs](#) FreeCodeCamp
-

Languages

- Bangla (Native)
- English (Professional)
- Hindi (Conversational)