SIRATUL ISLAM

Full-Stack Engineer | Open Source Contributor

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 4+ years of experience architecting scalable, cloud-native, and AI-powered applications. Expertise in JavaScript, TypeScript, Node.js, Next.js, and modern DevOps practices with AWS and Docker. Specialized in LLM integration, real-time systems, and microservice architecture. Proven track record of leading award-winning projects that drive performance optimization, enhanced user experience, and innovative solutions.

PROFESSIONAL EXPERIENCE

Software Developer

Novion Soft - Dhaka Bangladesh

Aug 2025 – Present

- **Led the full-stack development of a multi-vendor e-commerce platform**, architecting dedicated panels for administrators, vendors, and end-users.
- **Built a scalable and performant application using SvelteKit** for the front-end and **Appwrite** for the backend, ensuring a smooth and responsive user experience.
- **Enhanced user engagement and operational efficiency** by integrating key third-party services, including the **Pathao API** for automated logistics and delivery.

Full Stack Developer

Grit System - Dhaka Bangladesh

Dec 2023 – Jul 2025

- **Architected** a centralized admin dashboard using Next.js API Routes, Server Actions, and MySQL, streamlining multi-branch operations for Grit-Gym franchise network
- **Implemented** responsive UIs using Next.js and Tailwind CSS, boosting mobile user engagement by 25%
- **Optimized** operational workflows, reducing manual reporting by 35% and improving efficiency across 50+locations
- **Delivered** scalable solutions supporting real-time data synchronization and analytics

Web Developer

Seed to Big - Dhaka, Bangladesh

Oct 2020 – Feb 2022

- **Developed** 3+ full-stack e-commerce platforms using React.js, Node.js, and MongoDB, serving thousands of daily users
- **Applied** Agile methodologies and microservice architecture patterns for enhanced code maintainability and scalability
- **Accelerated** project delivery timelines by 40% through modular design principles and automated CI/CD pipelines
- **Collaborated** with cross-functional teams to deliver high-quality software solutions

KEY PROJECTS

Twicket

https://mytwicket.com/

- **Built** a comprehensive full-stack ticketing system using Next.js, Node.js, and MongoDB, deployed via NGINX on VPS
- **Achieved** 99.9% uptime while managing 15,000+ ticket transactions with real-time updates and analytics dashboard
- **Integrated** secure payment processing and multi-organizer event management features

PyNodeAI

https://pynodeai.vercel.app/

- **Created** an open-source toolkit for seamless Python and Node.js AI model integration
- **Featured** in official LangChain documentation, simplifying LLM API integration and prompt debugging workflows
- **Contributed** to the developer community with comprehensive documentation and examples

Zeno

https://zenovoice.vercel.app/

- **Engineered** a voice-controlled AI assistant achieving 95% speech recognition accuracy
- **Acquired** 100+ active users within the first week of launch, demonstrating strong product-market fit

NeoCampus

https://github.com/Siratul804/NeoCampus

- **Architected** backend infrastructure with Node.js and MongoDB, integrating LLMs using LangChain and GrokAI
- **Designed** for academic productivity and scheduling optimization, successfully serving 10,000+ students
- **Won** INNOVATEX 2025 Software Showcase competition (UAP SNH Club)

ACHIEVEMENTS & RECOGNITION

- 🏆 **Champion** - Software Showcase – INNOVATEX 2025
- 🥈 **1st Runner-Up** - Hackathon – INNOVATEX 2025
- 🥈 **1st Runner-Up** - IDEA Season 4.0
- 🥉 **3rd Place** - FlowTank Ideathon 2025
- 🏅 **4th Place** - NEOFETCH Hackathon 2025

CORE COMPETENCIES

Programming Languages: TypeScript, JavaScript, Java, Go, C++

Frontend Technologies: Next.js, SvelteKit, React.js, Tailwind CSS, GraphQL, Responsive Design

Backend Development: Node.js, Gin, REST APIs, WebSocket, Socket.IO, Microservices

AI/ML Integration: LangChain, OpenAI, Gemini, GrokAI, Embedchain, LLM APIs

Database Management: MongoDB, PostgreSQL, Redis, Supabase, Appwrite, MySQL

Cloud & DevOps: AWS, Docker, Kubernetes, GitHub Actions, CI/CD, System Monitoring, NGINX

Development Tools: Git, Postman, Jest, Ollama, Agile Methodologies

EDUCATION

Bachelor of Science in Computer Science and Engineering
University of Asia Pacific - Dhaka, Bangladesh
Jan 2024 – Present | **CGPA: 3.75 / 4.00**

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming (Java), Database Management (MySQL), Software Engineering, System Design

ADDITIONAL INFORMATION

Open Source Contributions: Active contributor to developer tools and AI integration libraries

Collaborative Development: Experience working with a dedicated team on multiple projects simultaneously through hackathons, fostering innovation and rapid problem-solving.

Continuous Learning: Staying current with emerging technologies in AI, cloud computing, and full-stack development