

# SIRATUL ISLAM

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**Full-Stack Engineer | AI Integration Specialist | Innovation Award Winner**

## SUMMARY

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Results-oriented Full-Stack Software Engineer with 4+ years of experience in building scalable, production-grade web and AI-powered applications. Proficient in JavaScript, TypeScript, Node.js, Next.js, and modern cloud-native development with AWS and Docker. Specialized in LLM integration (Gemini, GrokAI) and real-time systems. Proven track record of leading award-winning projects with a focus on performance, usability, and innovation.

## WORK EXPERIENCE

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### CTO

*Twicket - Dhaka Bangladesh*

**May 2025 – Present**

- Architected and led the development of a scalable event ticketing platform using Next.js, Node.js, MongoDB, and Tailwind CSS.
- Integrated real-time communication via Socket.IO and deployed using NGINX on VPS.
- Ensured 99.9% uptime and enabled 20+ organizers to manage 10,000+ transactions.

### Software Developer

*Grit System - Dhaka Bangladesh*

**Dec 2023 – Present**

- Built a centralized admin dashboard for Grit-Gym's multi-branch system using Next.js API Routes, Server Actions, and MySQL.
- Developed responsive UI with React.js and Tailwind CSS.
- Reduced manual reporting by 35% and improved operational efficiency across 50+ franchises.

### Web Developer

*Seed to Big - Dhaka, Bangladesh*

**Oct 2020 – Feb 2022**

- Contributed to the full-stack development of 3+ e-commerce applications (React.js, Node.js, MongoDB), delivering scalable and performant solutions.
- Implemented Agile practices and microservice architecture for faster delivery and maintainability.
- Accelerated project delivery timelines by 40%.

## PROJECTS

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### Twicket

<https://mytwicket.com/>

- Built full-stack ticketing system with Next.js, Node.js, and MongoDB; deployed with NGINX on VPS.
- Designed for multi-organizer event management and secure ticket transactions; processed 15,000+ tickets.
- Enabled real-time updates and analytics dashboard for 50+ events with 99.9% uptime.

### PyNodeAI

<https://pynodeai.vercel.app/>

- Open-source toolkit for Python and Node.js AI model integration.
- Featured in LangChain documentation; helps simplify AI debugging and implementation.

### Zeno

<https://zenovoice.vercel.app/>

- Developed a voice-controlled AI assistant.
- Achieved 95% speech recognition accuracy; 100+ users in the first week.

### NeoCampus

<https://github.com/Siratul804/NeoCampus>

- Built backend with Node.js and MongoDB; integrated LLMs using LangChain and GrokAI.
- Designed for academic productivity and planning; served 10,000+ students.
- Winner, INNOVATEX 2025 (UAP SNH Club)

## ACHIEVEMENTS

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- **Champion**, Software Showcase – INNOVATEX 2025
- **1st Runner-Up**, Hackathon – INNOVATEX 2025
- **4th Place**, NEOFETCH Hackathon 2025
- **1st Runner-Up**, IDEA Season 4.0
- Developed “সখী”, a women’s health app supporting 10,000+ Bangladeshi users.

## TECHNICAL SKILLS

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

**Frontend:** Next.js, React.js, Tailwind CSS, GraphQL

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

**AI/ML:** LangChain, OpenAI, Gemini, GrokAI, Embedchain

**Databases:** MongoDB, PostgreSQL, Redis, Supabase

**DevOps:** AWS, Docker, Kubernetes, CI/CD (GitHub Actions), System Monitoring

**Tools:** Git, Postman, Jest, Ollama

## EDUCATION

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**Bachelor of Science in Computer Science and Engineering**

University of Asia Pacific – Dhaka, Bangladesh

**Jan 2024 – Present** | CGPA: 3.75 / 4.00

Relevant Coursework: DSA, Java, MySQL