

SIRATUL ISLAM

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

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SUMMARY

Results-driven Software Engineer with 4+ years of experience building scalable web applications and AI-powered solutions. Expertise in JavaScript/TypeScript, Node.js, Next.js, and cloud-native development (AWS, Docker), proven by leading award-winning projects. Passionate about leveraging LLMs (Gemini, GrokAI) and real-time systems to solve complex user challenges.

WORK EXPERIENCE

Grit System, Dhaka Bangladesh

Software Developer | Dec 2023 – Present

- **Situation:** Required a unified admin dashboard for Grit-Gym's multi-franchise operations.
- **Task:** Develop a scalable super-admin portal to manage gym analytics, user data, and billing.
- **Action:** Built backend services with Next.js Api Route + Next.js Server Action + MySQL, and designed React-based UI with Tailwind CSS.
- **Result:** Reduced manual reporting time by 35% and enabled centralized management for 50+ gym locations.

Seed to Big, Dhaka, Bangladesh

Senior Web Developer | Oct 2020 – Feb 2022

- **Situation:** Needed to deliver client projects faster with a junior intern team.
- **Task:** Lead full-stack development of 3+ web applications for e-commerce clients.
- **Action:** Mentored 4 interns in Agile workflows, architected microservices using React.js + Node.js, and integrated MongoDB for data integrity.
- **Result:** Accelerated project delivery by 40%

ACHIEVEMENTS

- 🏆 **Champion**, Software Showcase (INNOVATEX 2025) | 🥈 **1st Runners-Up**, Hackathon (INOVATEX 2025)
- Led NeoCampus (AI student app) to win top honors at UAP SNH Club and MIST NeoFetch.
- 🥉 **4th Place**, NEOFETCH Hackathon (2025) | 🥈 **1st Runners-Up**, IDEA Season 4.0
- Developed স্মৃতি (women's health app) supporting 10,000+ users in Bangladesh.

PROJECTS

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

- Engineered backend (Node.js + MongoDB) and AI integration (GrokAI/LangChain) for a campus companion app; won 1st place at INNOVATEX 2025.
- Designed to support over 10,000 students in streamlining academic planning and productivity.

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

- Created full-stack voice-controlled AI agent (Next.js + Gemini) with dynamic task execution.
- Impact: Reached 100+ active users in the first week; achieved 95% speech recognition accuracy, enhancing accessibility for everyday tasks.

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

- Launched open-source toolkit for Python/Node.js AI model integration; featured on LangChain docs.
- Impact: Actively assists AI developers daily by simplifying integration and debugging of AI workflows.

SKILLS

- **Languages:** TypeScript, JavaScript, Java, Go, C++
- **Frontend:** Next.js, React.js, Tailwind CSS, GraphQL
- **Backend:** Node.js, Gin, REST/WebSocket APIs, 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

University of Asia Pacific, Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering | Jan 2024 – Present

- CGPA: 3.75/4.0 | Relevant Coursework: Algorithms, Cloud Computing, AI