

NAEEM BISWASS NILOY

Full Stack Developer (MERN) | Software Engineer

Dhaka - 1344, Bangladesh | biswassnaemcse@gmail.com | 01708045058

[Leetcode](#) | [LinkedIn](#) | [Portfolio](#) | [Github](#)

Professional Summary

Full Stack Developer with hands-on experience in MERN stack development, software engineering fundamentals, and Linux-based environments. Actively learning DevOps and Site Reliability Engineering (SRE) concepts, including Docker, CI/CD, and cloud basics. Strong problem-solving skills developed through competitive programming and algorithmic practice.

Skills

Languages: C/C++, Python, JavaScript, TypeScript, SQL

Technologies & Tools: Node.js, Express.js, Docker, CI/CD, Linux, React.js, Next.js, Nuxt.js, MongoDB, PostgreSQL, AWS, Kubernetes

Work Experience

ReturnHex, Uttara

Oct 2025 - Present

Associate Software Engineer (Remote)

- Collaborated in a **2-member team** to build **v1 of a social media chatbot** integrating **OpenAI** with **Meta platforms (Facebook, Instagram)**, enabling automated customer messaging, order handling, and post comment replies.
- Implemented **image and voice message processing** and stabilized **Meta Webhook integrations**, resolving authentication and real-time event handling challenges for reliable message delivery.
- Optimized **prompt engineering and request pipelines**, reduced **OpenAI token usage by 30%** and improved response latency; introduced **Redis caching** and **rate limiting** to handle peak-hour traffic efficiently.
- Contributing to **v2 development** by implementing **message queuing with BullMQ**, improving system reliability and throughput, while managing **server operations** (deployment, staging, debugging) using **CI/CD pipelines, Docker, PM2**, and applying **DevOps fundamentals** for scalability and stability.

April 2025 - Oct 2025

Software Developer Intern (Remote)

- Rebuilt an **Education Management System** to fix deployment and codebase issues, gaining hands-on experience with **Next.js (SSR, CSR, SSG)** and delivering a production-ready system.
- Collaborated to build a **travel agency portfolio** using **Vue.js (Nuxt.js)**, strengthening core frontend skills including **animations, and interactive UI**, while improving performance and basic **SEO**.
- Trained in and contributed to **backend development** with **Node.js, Express.js, and MongoDB**, rebuilding and deploying the backend of the Education Management System; gained exposure to **NestJS** and **PostgreSQL**.
- Initiated and developed an **MVP social media automation system**, implementing **Facebook Page DM and comment reply automation** powered by **OpenAI APIs**.

Technologies: JavaScript, Node.js, Express.js, NestJS, Next.js, Vue.js, Nuxt.js, HTML, CSS, MongoDB, PostgreSQL, Redis, OpenAI API, Meta Webhooks, Facebook Graph API, Instagram API, REST APIs, BullMQ, Docker, CI/CD, PM2, Git, Linux

Education

City University, Ashuliya, Dhaka

July 2022 - Present

B.Sc. in Computer Science and Engineering (8'th semester)

CGPA: 3.50/4.00

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning

Project Work

- **AutoPingAi - Social Media Automation Platform (Collaborative) (2025):** Built a chatbot integrating OpenAI with Meta platforms.
Live View: [AutoPing AI](#)
- **BashaAi- Ai Integrated Room Finder Platform(Working) (2026):** Build an Ai integrated room finder to Find, list, and manage rentals with AI-powered search, map view, messaging using OpenAi, OpenStreet Map, Next.js, NeonDB, Prisma ORM, shadcn/ui, Node.js,
Live: [View](#) **Code:** [BashaAi](#)
- **Portfolio Management(2025):** Built a portfolio management platform with profile and section management using React.js, Node.js (modular OOP architecture), JWT authentication, and Cloudinary.
Live: [Manage Portfolio](#) **Credentials:** biswassnaeemcse@gmail.com / 123456
- **Social Media Platform(2025):** Developed a lightweight social media platform enabling user follow systems, post creation and editing, and profile management using Next.js, NeonDB, Prisma ORM, and shadcn/ui.
Live: [View](#) **Code:** [GigaBook Social media](#)

Awards and Certificates

- Software Developer Intern Internship Completion Certificate at ReturnHex - [RH Internship Certificate](#)
- Mastering DevOps Course– Ostad (In Progress) - [Enrollment Documents](#)
- Participated at ICPC Asia Dhaka Regional Onsite Contest - [ICPC-2025 Participation Certificate](#)
- Winner, Intra-Department Code Clash Programming Contest - [Code Clash Winning Certificate](#)
- Pupil rank holder at CodeForces - [CF Profile](#)