MD. NAEEM-AL-IMRAN

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A tech enthusiast with a solid background in data structures, algorithms, backend development, and DevOps. With 6+ years of programming and over a year in professional software engineering, I thrive on solving complex problems and continuously expanding my knowledge base through persistence and curiosity.

TECHNICAL SKILLS

- **Languages:** *C++, Python, JavaScript, Go*
- **Frameworks:** *Django, NestJS, Vue.js, Gin*
- **Tools:** *Git, Docker, Jenkins, Terraform*
- **DevOps:** *CI/CD, Infrastructure as Code, Monitoring, Automation*
- **Databases:** *MySQL, PostgreSQL, MongoDB*
- **Cloud:** *AWS (deployment, automation, infrastructure)*
- **Interests:** *Problem Solving, Machine Learning, AI, Software Architecture*

EXPERIENCE

- **Software Engineer II** *July 2025 – Present*

  Brain Station 23 PLC

  In this role, I have taken ownership of critical system components, led backend and frontend service architecture, and contributed to infrastructure automation. I have played a key part in enhancing deployment reliability, improving system scalability, and maintaining secure, production-grade APIs and user interfaces.

  – Optimized backend architecture using NestJS and enhanced frontend performance and maintainability using React.js.
  – Designed and maintained CI/CD pipelines using Jenkins, Docker, and GitHub Actions to ensure seamless and automated delivery processes.
  – Led infrastructure automation and deployment strategies on cloud environments such as AWS and DigitalOcean.
  – Implemented Infrastructure as Code (IaC) practices using Terraform to enable consistent and repeatable environment provisioning.

- **Software Engineer I** *March 2024 – Jun 2025*

  Brain Station 23 PLC

  Supported full-stack development and containerization efforts, collaborating closely with cross-functional teams to deliver scalable, maintainable, and user-centric web applications.

  – Developed backend APIs using NestJS and Django frameworks to support core functionalities.
  – Implemented frontend features with Vue.js and TypeScript to enhance user experience.
  – Containerized backend and frontend applications using Docker to ensure environment consistency.
  – Participated in sprint planning, daily stand-ups, and code reviews to maintain code quality and team alignment.

PROJECTS

Coderex TryOn *Jun 2025 – Present*

E-commerce Admin Portal for AR-based Virtual Try-On Developed a full-stack admin portal for an AR/VR-based e-commerce platform that enables customers to preview products in 3D using virtual try-on technology.
Designed and implemented APIs for managing products, media, and 3D model metadata.
Led DevOps initiatives and infrastructure automation using Hetzner Cloud services.

- Tech Stack: NestJS, React.js, PostgreSQL, Docker, Hetzner Cloud
- Built scalable backend services to manage 3D model uploads and Shopify media synchronization.
- Set up Docker-based deployment pipelines and automated infrastructure provisioning.
- Improved admin dashboard UX with real-time previews and dynamic media workflows.

Shashto *Mar 2024 – Jun 2025*

HealthTech Admin Portal Full-stack health management system built to support hospital admins, doctors, and patients.
Responsible for backend API development, database optimization, frontend enhancements, and AWS deployment.

- Tech: Django, Nestjs, Vue.js, PostgreSQL, Docker, AWS
- Built scalable backend APIs and managed database design.
- Dockerized services and automated AWS deployments.
- Improved admin UX using dynamic Vue components.

Catering Voting Management

Jan 2024 – Feb 2024

Internal Utility Tool Lightweight internal tool allowing employees to vote on daily lunch preferences.
Built as a microservice with basic auth, persistent store, and simple UI.

- Tech: Go, Chi, MySQL, Docker
- Built voting system for employees to choose daily meal options.

API Server for Book Management

Oct 2023

Personal Project Simple CRUD API platform for managing book catalogs with secure JWT-based login.
Personal project to practice Go web server, authentication, and Dockerization.

- Tech: Go, JWT Auth, Docker
- Implemented secure CRUD APIs and user authentication.

EDUCATION

•**Dhaka University of Engineering and Technology (DUET)** *Mar 2019 – Jun 2023*
B.Sc. in Computer Science and Engineering CGPA: 3.27

ACHIEVEMENTS

•**ICPC Asia West Finalist 2021**

•**ICPC Dhaka Regional (2019–2021)**

•**Meta Hacker Cup 2024: Round 2 Top 1500**

•**Competitive Programming:** *Solved 2500+ problems; Codeforces Max Rating **1778**; CodeChef Max Rating **1890***

LEADERSHIP

•**President** *DUET Computer Society (2022–2023)*
•Led the organization of IDPC-2023 and mentored juniors in algorithms and data structures.