Md. Iffatul Islam Anon

JUNIOR SOFTWARE ENGINEER

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CAREER OBJECTIVE

Enthusiastic and motivated Software Engineering student with strong foundations in algorithms, backend engineering, and AI-assisted systems. Passionate about building scalable distributed systems, efficient data pipelines, and LLM-powered agentic applications.

Experience

Junior Software Engineer

UpscaleBD Ltd. | Oct 2025 – Present

- Built AI agent APIs using FastAPI and LangChain to automate complex decision-making workflows.
- Implemented automated multi-source ETL pipelines using Airbyte, ensuring reliable data flow for analytics and AI-driven systems.
- Developed scalable backend modules with Nest.js, enhancing API reliability and system performance.

Education

B.Sc. in Software Engineering (Major in Data Science)

Daffodil International University | 2022–2025

- CGPA: 3.84 (up to 3rd year)

Skills & Expertise

- **Programming Languages:** C, C++, Python, Java, JavaScript
- **Backend & Frameworks:** FastAPI, Nest.js
- **AI/ML & LLM:** LangChain, Phidata, RAG, LLM Agents, Vector Databases
- **Databases:** PostgreSQL, MySQL, Qdrant
- **Tools:** Git, GitHub, Docker, Airbyte
- **Core CS:** DSA, OOP, SDLC
- **Soft Skills:** Teamwork, Problem Solving, Time Management

Achievements

Competitive Programming

- CodeForces: iffatul_anon (Max Rating: Specialist,1461)
- 61st Position – ICPC Asia Dhaka Regional Onsite Contest, 2024
- 1st Runner-up – DIU SWE Intra Department Programming Contest, 2022
- 7th Position – DIU Take-Off Programming Contest, 2022

Volunteering & Leadership

Judge & Problem Setter | Nov 2023–present

CodeTrap, BreakOut Algorithm, TakeOff, UTA – DIU Intra-University Programming Contests

Lab Prefect | Aug 2024–Dec 2024

Programming and Problem Solving Lab Course – Department of CSE, DIU

Programming Trainer | Aug 2023–May 2024

Beginners Programming Class – Software Engineering Club, DIU