

ARIFUL HAQUE NOMAN

Software Engineer

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Experience

Neural Semiconductor Ltd.

August 2024 – Present

Software Engineer I (Backend)

Dhaka, Bangladesh

- Developed and optimized RESTful APIs for the Asset Management System (AMS) using Java and Spring Boot to enhance user functionality and system efficiency.
- Collaborated with frontend developers, UI/UX designers and product managers to align business requirements with technical solutions, ensuring timely delivery of high-quality software.
- Wrote custom database queries to boost existing API performance by 70% and implemented pagination to enable segmented data fetching, reducing fetch times.
- Integrated a log generator API to track application processes, improving traceability and debugging capabilities.
- Actively participated in daily stand-up meetings and sprint planning sessions to synchronize team efforts and overcome project challenges.

Software Engineer Trainee

- Developed proficiency in OOP, SOLID principles, design patterns, relational databases, and testing features while building Java Spring Boot applications.

V2 Technology Ltd.

May 2024 – August 2024

Database Engineer Intern

Dhaka, Bangladesh

- Gained expertise in PostgreSQL and developed complex SQL queries for data retrieval and manipulation.
- Designed and optimized database schema to ensure efficient data storage and generate insights from large datasets.

Education

East West University

Bachelor of Science in Computer Science and Engineering

Dhaka, Bangladesh

Competitive Programming

Solved 800+ algorithmic and data structure-based problems using C++ and Java on various online platforms. ↗

- Codeforces: ariful.noman (Max Rating: 1273) ↗
- LeetCode: noman007 (Max Rating: 1500) ↗

Achievements

ICPC - 2023: Participated in a global competitive programming contest. ↗

Problem Solving Certification: Earned certification from HackerRank, demonstrating proficiency at basic and intermediate levels. ↗

SQL Certification: Achieved certification from HackerRank covering both basic and intermediate levels. ↗

Meta Hacker Cup - 2023: Participated in an annual programming competition showcasing algorithmic problem-solving skills. ↗

Technical Skills

Languages: C, C++, Java, Python, HTML/CSS, JavaScript, My SQL, PostgreSQL

Developer Tools: VS Code, Eclipse, Google Colab, Android Studio

Technologies/Frameworks: Spring Boot, Linux, React, Bootstrap, GitHub

Projects

Event Management App | Java, XML, SQLite, Android Studio ↗

- Developed an intuitive event management app for mobile devices with a user-friendly interface using XML for the frontend.
- Implemented Java for the backend to handle business logic and process event data efficiently.
- Integrated SQLite for database management to store and retrieve event-related information.
- Added dynamic features to improve user experience with real-time updates and seamless interactions.

Drops of Blood | XML, Java, SQLite, Android Studio ↗

- Developed a mobile event management app with XML for frontend and Java for backend.
- Used SQLite for efficient database management.
- Implemented dynamic features to boost user engagement and experience.