

Afrida Hossain

Edmonton, AB, Canada

Education

University of Alberta - Edmonton, AB, Canada
Masters of Science (M.Sc), in Computing Science
Jan 2023 - Dec 2025 (Scheduled)

Military Institute of Science and Technology - Dhaka, Bangladesh
Bachelor of Science (B.Sc), in Computer Science and Engineering
Jan 2016 - Jan 2020

Professional experience

Senior Software Engineer
WellDev Bangladesh Limited
Jul 2022 - Oct 2023

- Investigating urgent client bug reports and fixing them
- Ensuring smooth deployment of application across various environments
- Determining operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions
- Improving operations by conducting systems analysis and recommending changes in policies and procedures
- Developing software solutions by studying information needs, conferring with users, studying systems flow, data usage, and work processes; investigating problem areas; and following the software development lifecycle

Junior Software Engineer
WellDev Bangladesh Limited
Aug 2020 - Jun 2022

- Implemented client requested features using appropriate **design patterns** (especially **MVC**)
- Developed numerous **RESTful APIs** following proper coding conventions
- Used **Docker** to build a system which was able to auto-update
- Worked on database migration (**Liquibase**)
- Wrote complex **SQL** queries and **stored procedures** for retrieving and transforming data as required
- Developed various front end features with the help of **Angular**
- Worked on identifying bugs in the project and fixing them

Technical skill

Language/Framework

Java, Spring Boot, Javascript, Angular, C++, C

Database

PostgreSQL

IDE

IntelliJ, Visual Studio Code

DevOps

Docker, Kubernetes