Mahin Khandker

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Summary

Aspiring software engineer with experience building full-stack applications using Java, JavaScript, SQL, and cloud technologies. Dedicated to acquiring a career that will allow me to excel in software development, as well as highlight my previous work experience and leadership abilities. Passionate about creating impactful solutions and growing in a dynamic team-oriented environment.

Education

Farmingdale State College, State University of New York

Bachelor of Science, Computer Science   August 2023 – December 2025

– Courses: Advanced Programming, Software Engineering, AI and Machine Learning

Experience

Synchronous   **June 2025 – August 2025**

Lead AI Researcher and Developer   Dhaka, Bangladesh

– Directed AI research to improve efficiency and reduce costs in developing technologies.
– Ran exploratory studies in AI/ML, evaluating models and methods for real-world scenarios.
– Led a research team to develop, test, and refine AI solutions set with the innovation roadmap.

Delta Airlines   **October 2023 – April 2024**

Ramp Agent   New York, NY

– Safely lifted, loaded, unloaded, and transported baggage, mail, and cargo to and from aircraft.
– Operated ground support equipment and vehicles per safety regulations and company policies.

Generation Junior Full Stack Java Developer Program   **February 2023 – June 2023**

Trainee   Remote

– Completed a 16-week, 460+ hour full-stack Java program focused on hands-on application.
– Built web apps with Java (Spring Boot), JavaScript, HTML5, and CSS3.

Projects

MediaVault   *Azure, Java, SQL*

– Built a Java/JavaFX movie rental desktop app with secure auth, genre/language browsing, physical media reservations, user profiles, and rental history.
– Implemented backend features (auth, transactional reservations, history) on Azure for scalable, reliable performance.

MyCarMate   *Excel, Java, Firebase, PostgreSQL*

– Developed a JavaFX car-maintenance manager for logs, insurance, and service reminders using Firebase/PostgreSQL for storage and sync.
– Integrated the JavaFX frontend with both databases to optimize data flow and consistency.

Technical Skills

Programming: Python, Java, JavaScript, C++, SQL, R, HTML/CSS
Databases: MySQL, PostgreSQL, SQL Server, MongoDB, Firebase, Azure SQL
Tools: Excel, Power BI, Tableau, Pandas, TextBlob
Platforms: SAP, Git, Jira, Google Workspace, Django, REST APIs