Tangeena Islam

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About Me

Experienced in designing, creating, and testing software programs and various applications with different teams in multiple work environments.

Achievements

➢ Certified Amazon Web Services (AWS) Cloud Practitioner
➢ Currently an Engineer in Training (EIT) with the Professional Engineers of Ontario (PEO)

Non-Technical Skills

➢ Determined & Self-motivated
➢ Adaptable & Sociable
➢ Inquisitive & Enthusiastic

Technical Skills

Java	2 years
Python	2 years
SQL	3 years
ReactJS	2 years
Automated Testing	5 years
Technical Writing	8 years

Academic Experience

Bachelor of Engineering Honors (Space Systems Engineering)

Graduated Oct. 2017
Lassonde School of Engineering - York University

control system design, antenna design, finite element analysis, heat transfer, material analysis, design software, various V-I circuit configurations with transistors and loads, in-depth study of transistors/semiconductors/spectrum analyzers, data structures, programming languages, discreet mathematics

Full-Stack Developer (Hybrid)

July 2022 – May 2023
Morgan Stanley – Securities Lending

Java 8, Gradle, Sybase, Kafka, Hazelcast, REST, Spring Boot, JDBC/JPA, Mockito, Cucumber, Log4J, DB2, Kerberos, H2, SQL, REST, POSTMAN, PuTTY, Jenkins, Git, Autosys

Worked on multiple in-house applications to renovate processes and surpass business needs. Created a new pipeline to meet business demands faster and more streamlined than the previous, antiquated system. Developed comparative automated reports using custom engine for data validation.

➢ Improved speed of delivery of margin calls to advisors across the world by at least 5 hours
➢ Added to an existing engine to observe, filter, organize, and analyze the data quality from multiple sources of data and ensure data quality
➢ Self-learned and utilized new technologies efficiently within 2 months of exposure

Associate Engineer II (Remote)

May 2021 – July 2022
TD Securities – Corporate Investment Banking

Python 3, Flask, Java, Dremio, Pandas, AG Grid, ReactJS, NumPy, MariaDB, OAuth, SQL, POSTMAN, REST, Swagger, MS Visual Studio

Worked with a small team to develop two applications from scratch on both front and backend needs. Guided Business Analysts to determine what was feasible with our current tech stack. Aided the design of frontend wireframes and backend architecture for data organization and filtering.

➢ Worked with Business Analyst guidelines to rapidly auto-filter and analyze incoming data from workbooks using Pandas within seconds
➢ Advocated for User Experience and suggested multiple ideas on how to meet consumer needs
➢ Utilized third-party data from Dremio to perform complex calculations with incoming data and simplify information for better user experience

Level 3 Applications Support Analyst (On-site)

April 2018 – May 2021
TD Insurance – Channels Technical Support

Java, BASH, PuTTY, Splunk, Dynatrace, JIRA, Confluence

Worked in a fast, highly demanding environment alongside developers to investigate and support immediate and long-term incidents and issues. Reported directly to heads of business and set up metrics to monitor various applications. Submitted weekly reports on status of applications.

➢ Coordinated and communicated investigations and fixes across multiple teams including Business, ITBAs, Developers, other support teams
➢ Comprised and conducted deployments via ServiceNow to help support 5+ applications on a 24/7 rotation basis
➢ Developed dashboards and alerting mechanism with Splunk and Dynatrace to ensure the quality of application performance at all times