Jahanzeb Khan

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Education

Toronto Metropolitan University (formerly Ryerson University) – BEng in Computer Engineering   May 2024

Experience

Software Developer Intern, Canada Life – London, Ontario   January 2023 – September 2023

- Developed and implemented automated testing scripts in Python, increasing test coverage from 60% to 66% and reducing manual testing time by 27%
- Managed software updates and patches, ensuring systems were up to date and secure through strategic scheduling and deployment
- Improved API response times by 20% in the internal policy management system by optimizing SQL queries and database indexing, leading to faster data retrieval and enhanced system performance
- Conducted regular audits of user permissions and access levels, ensuring compliance with company policies and minimizing potential security risks

Support Engineering Intern, Geotab – Oakville, Ontario   May 2022 – December 2022

- Developed and maintained dashboards using SQL and Excel to track key performance metrics, resulting in the response time reducing for client inquiries
- Contributed to the implementation of Mobile Device Management (MDM) policies, successfully deploying and managing over 140 devices, enhancing security and compliance across the organization
- Assisted in Inventory and Asset Management by executing RMA processes and conducting inventory roll calls, recovering 45% of previously unaccounted assets
- Coordinated the configuration and imaging of over 60 desktops and laptops for new hires and existing employees, ensuring seamless integration with the existing IT infrastructure

Software Developer Intern, Canada Life – London, Ontario   May 2021 – September 2021

- Developed a Java-based automation tool, assisting advisors in setting up their personal computers with required software programs resulting in configuration time being reduced by 32%
- Managed and reviewed over 40 code commits using Bitbucket, ensuring compliance with company coding standards and version control practices
- Conducted performance testing for new software releases, improving the success rate of deployments

Projects

Music Library Management System

- Designed and implemented a relational database schema to manage music data, including tables for artists, albums, tracks, and genres, ensuring efficient data organization and retrieval
- Developed SQL queries to perform data analysis, including aggregate functions and joins, allowing users to retrieve detailed information such as top artists, popular tracks, and album statistics

Discord Bot for University Server

- Utilized the Discord API and Python to develop a Discord bot, implementing features such as moderation commands and automated tasks

Skills

Languages: Java, Python, C/C++, SQL, Bash
Developer Tools: Visual Studio Code, Linux, Bitbucket, Git, Intellij IDEA, Power BI, MySQL