Ryan Arjoon

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EDUCATION

Toronto Metropolitan University Toronto

Bachelor of Science in Computer Science Co-op, 3.8 GPA *Sept. 2021 – June 2027*

EXPERIENCE

Devops Engineer January 2025 – December 2025

RBC-Royal Bank of Canada *Toronto*

- Built GitHub Actions YAML workflows to provision developer tools on shared runners, eliminating repeated downloads and improving CI/CD efficiency
- Automated delivery of deployment and pipeline run updates by engineering TypeScript GitHub Actions with Slack and email API integrations, enhancing team communication and incident response time
- Migrated Snyk Typescript scanning action from API to CLI, enabling faster, more reliable, and granular security scans for monorepos, strengthening code security across thousands of RBC repositories
- Extended CI/CD workflows by upgrading GitHub Actions to recognize custom deployment environments in AWS, Azure, and OpenShift (OCP4), streamlining enterprise multi-cloud releases
- Developed GitHub Actions workflows to automate runner upgrades by packaging new versions into artifact images, uploading to Artifactory, and updating Helm deployments to roll out new runners
- Created GitHub Actions workflows and Python scripts to migrate over 500 repositories between organizations, automating repo transfers at enterprise scale
- Developed rollback system using RBC springboot service to retrieve latest deployed artifact from MongoDB
- Updated mainframe deployments to dynamically check for JCL destinations, reduced need for CFG files and improved deployment efficiency

Cloud Programmer May 2024 – December 2024

Royal Canadian Mounted Police *Ottawa*

- Developed powershell scripts to archive alerts in cloud portal for resource groups allowing for improved efficiency during archive clean up, push changes to repository
- Automated resource group tags updates by creating a python script to make changes to azure portal items based on requirements
- Create test cases for existing cloud scripts to ensure long term operation
- Perform documentation on changing alert conditions and permissions
- Used KQL to update data retention tables and to gather table information for later sprints
- Identified and resolved diagnostic issues in Azure Portal through making appropriate changes to the json

Business Data Analyst May. 2023 – Dec. 2023

Ministry of Transportation *Toronto*

- Scripted SQL queries to make ERDs to represent information log relationships and automated these queries through a Python script, displayed these diagrams through Visio
- Created documentation for capturing all steps of the mapping assignment for future teams
- Performed QA testing on Devops test cases by running SQL queries and analyzing table values, raised any bugs
- Designed Adobe Premiere documents as POC for UX and UI changes to Portal website
- Completed architecture Visio diagrams for fraud team

PROJECTS

Personal Portfolio | *HTML, CSS* June 2025

- Made use of HTML and CSS to design and develop a modern, responsive portfolio website to showcase my experience, skills, and projects

Employee Directory Web App | *HTML, CSS, Node JS, MongoDB* Aug. 2025

- Designed a web app to store employee information of a company, making use of auth, MongoDB, and UI

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, KQL, Powershell, Docker, Typescript, HTML, CSS, Springboot, Node
Developer Tools: Git, Docker, Github Actions, Jenkins, Openshift, Azure Devops, Linux/Unix, SQL Server Management, MongoDB