

LYBA MUGHEES

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PROFESSIONAL SUMMARY

Cloud Automation Developer with experience in infrastructure automation, VMware-to-OpenStack migrations, scripting, and performance optimization. Proven ability to lead large-scale cloud transformations, reduce operational costs, and deliver scalable, self-service automation solutions. Recognized for excellence, innovation, and cross-functional leadership in enterprise cloud environments.

TECHNICAL SKILLS

Programming Languages - C++, C, Java, PHP, HTML, JavaScript, CSS, Python, PowerShell, Bash

Data Analysis – SQL

Machine Learning / AI – Pandas, NumPy, Scikit-Learn, SciPy

Cloud & Virtualization: VMware

Tooling: Git, SQL, Power BI

RELEVANT EXPERIENCE

BELL CANADA– MISSISSAUGA, ON

APR 2025 - PRESENT

Cloud Automation Developer I

- Acted as the **Project Manager** for the VMware to OpenStack migration program, leading end-to-end planning, coordination, and execution, coordinating schedules, validation, and execution for **610 servers**, reducing footprint by **50+ hosts**.
- Delivered **\$8M in cost savings** through migration efficiencies, optimization, and strategic planning.
- Resolved all **17 post-migration incidents** with zero customer-impacting issues, demonstrating resilience and risk management.
- Optimized VM resource utilization by analyzing **~2,500 VMs**, recovering **120 hosts** and generating **\$161,000 in savings**.
- Provided tenant support, coordinated cutovers, validated tasks, and ensured readiness across multi-team operations.
- Designed documentation, playbooks, and technical guides to support cloud adoption and operational excellence.
- Drove after-hours migration schedules, weekly calls, and cross-team alignment to enable successful execution.

BELL CANADA– MISSISSAUGA, ON

MAY 2024-APR 2025

Software Developer

- Automated migration processes using **PowerShell** to streamline operational workflows.
- Led VM **cost-optimization** initiatives resulting in significant **resource** and **cost savings**.
- Built **automation tools** for license assignment and **audit maintenance** across enterprise environments.

BELL CANADA– MISSISSAUGA, ON

SUMMER 2022/SUMMER 2023

Software Development - Intern

- Redesigned the employee hub portal, improving **UI/UX** and **functionality**.
- Implemented **SQL logging** to enhance **auditability** of employee directory updates.
- Built tools for internal event publishing and enhanced existing internal systems using **C#, ASP.NET, JavaScript, SQL**.

ONTARIO POWER GENERATION– PICKERING, ON

SUMMER 2021-WINTER 2021

Maintenance Strategies - Coop Student

- Developed **VBA code** to monitor and track vending machine purchases.
- Created **Power BI** models for departmental spending visualizations.
- Automated maintenance team backlog tasks using **Microsoft SQL Server Management Studio (SSMS)** and **VBA**.
- Developed a Power App with **Microsoft Power FX** for station condition record maintenance.
- Ensured compliance with World Association of Nuclear Operators (WANO) standards.

EDUCATION

BS ENGINEERING & APPLIED SCIENCE – SOFTWARE ENGINEERING: SPECIALIZATION IN INTERNET OF THINGS - ONTARIO TECH UNIVERSITY

MAY 2024

HIGHEST DISTINCTION

CERTIFICATIONS: IBM DATA SCIENCE PROFESSIONAL CERTIFICATE – 9 COURSES (AUGUST 2020)

CERTIFICATION COURSES: Python for Data Science and Artificial Intelligence (AI), Machine Learning with Python, Data Analysis with Python, Data Visualization with Python, Applied Data Science Capstone, Data Science Methodology

THE SCIENCE OF WELL-BEING, YALE UNIVERSITY (JULY 2020)

AWARDS & ACHIEVEMENTS

Q3 EXCELLENCE AND INNOVATION AWARD — BELL CANADA (2025)

Awarded for outstanding contributions to the *Evolving Network Cloud* initiative, recognizing leadership in enabling a strategic VMware migration program and delivering self-service cloud automation across Bell.

1ST PLACE, ONTARIO TECH UNIVERSITY CAPSTONE EXHIBITION FOR ELECTRICAL, SOFTWARE, AND COMPUTER ENGINEERING

Design and Development of Smart Medicine Cabinet

Addressed challenges faced by individuals with dementia in medication management, promoting independent living while adhering to medication schedules. [2024 ECSE Capstone Projects | Faculty of Engineering and Applied Science](#)