

# LYBA MUGHEES

[LinkedIn](#) – [GitHub](#) – (647) 979 5494 – [Email](#)

## 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.

### 1<sup>ST</sup> 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](#)