Muyeed Hossain

Toronto, ON | 647-530-9972 | muyeedh05@gmail.com | [LinkedIn](#) | [Portfolio](#)

Education

Toronto Metropolitan University (Formerly Ryerson University) — Apr 2025
Bachelor of Science Honours, Computer Science (Co-op) — Toronto, ON

- **GPA:** 4.10/4.33, **Awards:** Dean's List (x4), Renewable Scholarship (Highest Level)
- **Key Courses:** Data Structures, Algorithms, Database Systems, Data Science, Machine Learning, AI, Data Mining

Experience

PointClickCare (PCC) — May 2024 – Sep 2024
Software Engineer Intern — Mississauga, ON

- Designed and deployed user search **REST APIs** using **Java Spring Boot** and **Elasticsearch** on **Azure**, achieving response times <**500ms**; leveraged **Bitbucket** and **Jira** for version control, issue tracking, and code review
- Built **ETL** pipelines to sync **10GB+** data between **Azure SQL** and **Elasticsearch**, supporting real-time data updates
- Enhanced production API performance by consolidating **SQL** queries, reducing API latency by **50%**
- Automated JUnit unit/integration tests with **Docker** based test containers, achieving **98%+** code coverage
- Collaborated in **Agile** teams to break down epics into shippable user stories, ensuring timely delivery of features

Ontario Public Services (OPS) — May 2023 – Dec 2023
Software Developer Intern — Toronto, ON

- Developed modular frontend components using **Next.js/React** with **TypeScript** and Styled-Components based on **Figma** designs, reducing development time by **40%** and ensuring UI consistency across **10+** pages
- Built a secure front-end payment workflow with **Redux** and REST APIs, integrating a payment gateway to streamline payment processing and enhance transaction reliability

Advanced Micro Devices (AMD) — May 2022 – May 2023
Network Engineer Intern — Markham, ON

- Automated analysis of network device usage across global sites using **Python**, removing manual reporting bottlenecks
- Reduced configuration time by **60%** by **scripting** network configuration tasks for Cisco, Aruba, and Arista switches
- Collaborated with **20+** engineering teams to assess lab requirements, design network architecture, and deploy **100+** enterprise switches across data centers and labs, supporting **1000+** servers and test systems
- Resolved **400+** network requests, including LAN/WAN/VPN, WiFi, DHCP, TCP/IP, UDP, and Firewall issues by performing in-depth root cause analysis, achieving a **400%** KPI improvement and minimizing service downtime

Projects

TMU Marketplace - E-commerce App | *React, Node.js, JavaScript, PostgreSQL, Supabase, Tailwind, WebSockets*

- Developed a full-stack app with role-based access and JWT authentication, reducing violations by **100%**
- Utilized lazy loading, code splitting, pagination, and caching, improving React application performance by **70%**

Resume Analyzer | *Python, OpenAI, Flask, Langchain*

- Implemented an **LLM** powered agent using OpenAI's API in Python to automate resume-job description analysis

Soccer Data Analysis – Power BI Dashboard & ML Model | *Power BI, NumPy, Pandas, ScikitLearn, Python*

- Analyzed **250,000+** records and developed a **Power BI** dashboard to visualize performance metrics and trends
- Built an **ML** model to predict player and team performance using regression, classification, and clustering algorithms

Technical Skills

- **Languages/Databases:** Python, JavaScript, TypeScript, Java, HTML, CSS, SQL, MSSQL, MongoDB, MySQL
- **Frameworks/Libraries:** React, Angular, NodeJs, NextJs, Spring Boot, Numpy, Pandas, Scikit-Learn, PyTorch
- **Tools:** Bitbucket, Azure, Azure DevOps, Power BI, Jira, Jenkins, Datadog, Git, Docker, Kubernetes, Linux, Excel, AWS