Muyeed Hossain

647-530-9972 | muyeedh05@gmail.com | Linkedin | Portfolio | Toronto, ON

Technical Skills

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

Experience

PointClickCare (PCC)   **May 2024 - Sep 2024**

Software Engineer Intern   *Mississauga, ON, Canada*

- Designed and deployed secure search REST APIs using Java Spring Boot and Elasticsearch, hosted on Azure, achieving response times under 500ms; utilized 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 backend performance by resolving Hibernate N+1 issues and SQL indexing, improving API speed by 50%
- Increased code coverage to 98% by writing automated JUnit unit/integration tests with Docker-based test containers
- Collaborated in Agile teams with developers, analysts, and PMs to break down epics into shippable user stories

Ontario Public Services (OPS)   **May 2023 - Dec 2023**

Software Developer Intern   *Toronto, ON, Canada*

- Developed modular frontend components based on Figma designs using Next.js/React with TypeScript and Styled-Components, improving development time by 40% and ensuring UI consistency across 10+ web pages
- Built a secure front-end payment microservice with Redux and REST APIs, collaborating with backend engineers to streamline payment integration and improve transaction reliability

Advanced Micro Devices (AMD)   **May 2022 - May 2023**

Network Engineer Intern   *Markham, ON, Canada*

- Automated analysis of network device usage across global sites using Python, removing manual reporting bottlenecks
- Reduced configuration time by 60% by scripting network automation 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 over 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, CSS, Tailwind*

- 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*

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

Soccer Data Analysis - Power BI Dashboard & Machine Learning Model | *Power BI, NumPy, Pandas, ScikitLearn, Python*

- Created a comprehensive dashboard that conveys insights and statistics on teams and players in the soccer world
- Built an ML model to predict player and team performance using regression, classification, and clustering algorithms

Education

Toronto Metropolitan University (Formerly Ryerson University)   **Apr 2025**

Bachelor of Science Honours , Computer Science (Co-op)   *Toronto, ON, Canada*

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