Muyeed Hossain

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Education

Bachelor of Science, Computer Science (Co-op) - Toronto Metropolitan University   **September 2020 - April 2025**
(Formerly Ryerson University)
- ○ **GPA:** 4.14/4.33
- ○ **Awards:** Dean's List (x2), Renewable Scholarship (Highest Level)

Technical Skills

- ○ **Languages:** Python, JavaScript, TypeScript, C, Java, Visual Basic, Lisp, Bash
- ○ **Web Technologies:** HTML, CSS, React, NodeJs, NextJs, Bootstrap, Tailwind, Semantic UI, styled components
- ○ **Databases:** SQL, MongoDB, PostgreSQL, Oracle
- ○ **Tools:** Git / GitHub, Azure, DevOps, LINUX/UNIX, MS Power Platforms, Confluence, SDLC, VS Code, Postman

Work Experience

Software Developer (Co-op part time) - Ontario Public Services | *Toronto, ON*   **September 2023 - Present**
- ○ Collaborated with the back-end team to facilitate seamless communication between the Front-end and Back-end APIs, with a focus on vital functions such as payment processing, to ensure effective integration and connectivity.

Analyst / Software Developer (Co-op) - Ontario Public Services | *Toronto, ON*   **May 2023 - September 2023**
- ○ Developed user interfaces (UI) for NextJs microservices using React, TypeScript, and wireframe-based designs, translating wireframe UI/UX designs and user stories into reality for a large-scale project.
- ○ Improved Front-end application accuracy by troubleshooting API calls, thoroughly verifying data accuracy, validating forms, storing Front-end information in state management tools and implementing conditional rendering accordingly, satisfying the wireframe design and web page requirements.
- ○ Enhanced development efficiency by creating reusable global styled components in React and Next,js, maintaining consistent design and saving development time.

Network Engineer (Co-op) - Advanced Micro Devices (AMD) | *Markham, Ontario*   **May 2022 - May 2023**
- ○ Developed a Python application for implementing solutions in network device usage analysis to aid in business planning and project management.
- ○ Automated configurations for mass networking devices using Python scripts, enhancing operational efficiency.
- ○ Collaborated with 20+ engineering teams to deploy 100+ cisco and aruba switches across data centers and labs, supporting 200+ servers and test systems.
- ○ Resolved over 400 network tickets, achieving a 400% KPI improvement, by troubleshooting issues related to LAN, WiFi, DHCP, TCP/IP, and other network components, thus minimizing service downtime

Projects

Dublo - Social-Media app | *React, NodeJs, MongoDB, Firebase, HTML, CSS, JavaScript, Tailwind, Socket.io*   ***July 2023***
- ○ Enabled seamless user experience through conditional rendering,pagination,form validation, & state management
- ○ Implemented authentication protocols, such as OAuth, and secured REST APIs by incorporating middlewares for client data access through access token verification.
- ○ Improved web performance by 45% by optimizing database queries within HTTP/HTTPS requests management

Species Catalog - DBMS app | React, NodeJs, Tailwind, JavaScript, CSS, Firebase, PostgreSQL   **June 2023**
- ○ Developed a full-stack responsive database management app with lazy loading and pagination for efficient data rendering via HTTP/HTTPS requests.
- ○ Implemented admin role access, form validation, and search functionality for enhanced data management..

Network Switch data analyzer | Python, Netmiko, regex, OOP   ***March 2023***
- ○ Developed a Python-based CLI application with user-friendly interface, utilizing Netmiko library to establish SSH connections and retrieve network switch data.
- ○ Enhanced data analysis efficiency through regex expressions for data filtering.