

Dylan Batista-Moniz

(514) 632-0509 | batista.d09@hotmail.com | linkedin.com/in/dylan-bm

Education

Polytechnique Montréal
Bachelor's in Software Engineering (B. Eng.)

September 2018 – May 2023

Technical Skills

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dylan@batista-moniz:/technical-skills$ ls
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Python	■■■■■	JavaScript	■■■■■	TypeScript	■■■■■	SQL	■■■■■	C++	■■■■■	Java	■■■■■
Bash	■■■■■	React	■■■■■	Node.js	■■■■■	Express.js	■■■■■	MongoDB	■■■■■	Git	■■■■■
Docker	■■■■■	Linux	■■■■■	Kubernetes	■■■■■	OpenShift	■■■■■	DevOps	■■■■■	AWS	■■■■■

Experience

Software Specialist – Bell Canada

May 2023 – Present

In charge of the designing and implementing software solutions to improve the experience of internet service customers.

Skills used: React – Node.js – Python – MongoDB – Bash – SQL – Linux – RHEL – Ansible – OpenShift – Docker
Oversaw:

- Development (K8, OpenShift) and deployment of a web app (MERN) used for scheduling jobs and gathering information on customer modems.
- Extensive development of bash scripts used on 3M customer modems (Linux) multiple times a day.
- Configuring, monitoring & managing of a server (RHEL) infrastructure using Ansible.
- Optimization of Bell's speed testing server infrastructure to improve customer experience. (Linux, Networking)

Data Analyst Intern – Bell Canada

May 2022 – October 2022

Queried and analyzed data related to Bell's network to find and fix issues impacting customer experience.

Worked closely with Data Engineers and Network Engineers and was involved in the implementation of new network solutions.

Skills used: SQL – Trino (SQL) – Python – Hadoop – Hive – Splunk – MicroStrategy – Excel – Linux – Networking
Oversaw:

- Writing queries and scripts to obtain data related to Bell's network. (SQL, Python)
- Analyzing data to find issues, patterns and to predict and evaluate impacts of changes in the network. (Excel, MicroStrategy, Splunk)
- Configuration of servers related to the initiatives of the team. (Linux, RHEL, Networking)

Software Automation Engineer Intern – Bell Canada

September 2020 – September 2021

Automated various tests using the Selenium framework & Appium automation tool. Worked closely with Network Engineers and Network Architects in an Agile work environment.

Skills used: JavaScript – Node.js – Express.js – Python – Ruby – MongoDB

Oversaw:

- Automating tests that were previously done manually on smart devices. (Ruby, Selenium, Appium)
- Developing a RESTful API used to transmit documents from dockerized environments to remote servers. (Node, Express, Docker)
- Developing a data visualization tool able to collect JSON documents from a MongoDB database and generate graphs from the same data. (Python, MongoDB)