Dylan Batista-Moniz
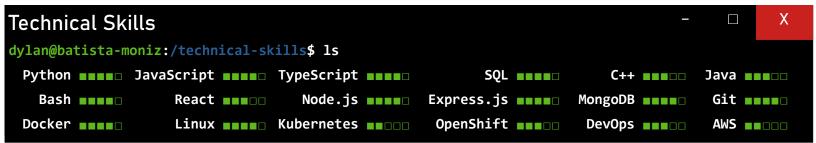
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Education

Polytechnique Montréal   September 2018 – May 2023
Bachelor's in Software Engineering (B. Eng.)

Technical Skills

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dylan@batista-moniz:/technical-skills$ ls

  Python ■■■■□   JavaScript ■■■■□   TypeScript ■■■■□         SQL ■■■■□       C++ ■■■□□   Java ■■■□□
    Bash ■■■■□        React ■■■□□      Node.js ■■■■□   Express.js ■■■■□   MongoDB ■■■■□    Git ■■■■□
  Docker ■■■■□        Linux ■■■■□   Kubernetes ■■□□□    OpenShift ■■■□□     DevOps ■■■□□    AWS ■■□□□
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Experience

Software Specialist – Bell Canada   May 2023 – Present
Bell Canada
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
Bell Canada
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 documnets from a MongoDB database and generate graphs from the same data. (Python, MongoDB)