

SKILLS

- **Languages:** Python, TypeScript, JavaScript, HTML, CSS, Java
- **Technologies[Intermediate]:** AWS
OpenSearch/CDK/CloudWatch/Lambda, ElasticSearch, Kibana, Filebeat, Logstash, Dynatrace
- **Technologies[Experienced]:** Ansible, React, Node, PostgreSQL, Docker, Azure, Terraform, Bash/Ubuntu
- **Other:** Agile, ServiceNow, Git, GitHubAction,

EXPERIENCE

- **Bank Of Montreal** Toronto, Canada
Monitoring Tools Cloud Developer Jan 2022 - Present
 - **DevOps Tools Automation:** Proactively maintain and enhance the internal platform for automating AWS **OpenSearch** Observability processes, delivering a smooth and exceptional developer experience. Built in **Python** and integrated with **ServiceNow**, this tool has saved over **5000** labor hours since early 2024.
 - **Dynatrace Apps:** Developed a centralized web app for developers and SRE teams to self-serve **Dynatrace** observability processes. Built and maintained using **React** and **TypeScript**.
 - **Modernization of Logging Framework:** Maintain and optimize the stability of AWS OpenSearch (ELK before) as BMO's main logging framework, including cluster adjustments using **AWS CDK**, onboarding **Filebeat**, setting up alerting lambda, integrating OpenSearch alerting with ServiceNow.
- **Signiant** Ottawa, Canada
Full-stack Web Developer Sep 2020 - Dec 2020
 - **General:** Worked across the full web application stack to deliver cloud-based SaaS products in an agile environment. Developed projects using WebStorm IDE and AWS tools, including DynamoDB with the Serverless framework and **RESTful** architecture.
 - **Front-End:** Built front-end components with the UI/UX team using React.js. Checked and patched UI components with Storybook and conducted visual regression tests via Percy.
 - **Back-End:** Developed back-end services using Node.js, focusing on cloud microservice architecture. Created unit tests for microservices with Jest and Mocha. Set up CI/CD pipelines using BitBucket

CERTIFICATE

- **AWS Certified Solutions Architect – Associate** Jan.2024 - Jan.2027
Toront, CA

EDUCATION

- **York University** Toronto, Canada
Bachelor of Arts, First Class, Computer Science Sep.2018 – May. 2021

PROJECTS

- **Personal Profile[On-going]:** Developing a personal website built with TypeScript, to be hosted on **AWS S3**
- **Auto Update Project Dependencies:** Developed an npm tool to automatically update specified dependencies across multiple repositories. The updated projects are pushed to a new branch on Bitbucket. Users receive a summary of the updates, including unit test results, via a Slack channel.
- **Ensuring-Quality-Release:** A final project for Udacity Cloud DevOps using Microsoft Azure. It includes using Terraform and Postman in Azure DevOps Pipeline.