Daniel Tran

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4A Computer Science at University of Waterloo

Skills

- **Languages** : Java, Python, Scala, C, C++, HTML/CSS, JS, C#, Go, PHP
- **Tools/Tech** : Git, React, PostgreSQL, SQL, Node, Docker, GCP, AWS, Jira, Confluence, Spring Boot, .NET Core, Kubernetes, Postman, Bash, Kafka

Experience

Adentro — Software Developer
Sept– Dec 2021 , Waterloo, Ontario

- Technologies : **Scala, Python,** Go, React, AWS, Docker, PostgreSQL
- Implementing an export feature that allows users to view their data in a spreadsheet format, involving changes to SQL functions, refactoring of microservices and front end
- Investigated and implemented a fix to a cache refresh issue involving thousands of rows of customer data not being updated properly, fixing a pain-point for many customers
- Maintaining a customer facing metric dashboard, resolving front end React bugs or back end data issues as they are reported, as well as quick deployment of the fixes

IBM Canada Limited — Software Developer
May - Aug 2021 , Ottawa , Ontario

- Technologies : **Java, Bash,** JUnit, Kafka
- Worked on internal development tooling, decreasing configuration setup time and improving developer productivity
- Designed and developed JUnit tests for a Java service being developed by the team

Process Fusion Inc — Software Developer
Sept 2020—Dec 2020 , Toronto, Ontario

- Technologies : **C#, .NET Core, JS, Git,** API, Postman, AWS
- Researched and developed a solution that gave users the ability to upload and download files between Process Fusion and Zapier platforms
- Added barcode generation and decoding functionality to a library of workflow scripts

DNAstack — Software Engineer Intern
Jan 2020—April 2020 , Toronto, Ontario

- Technologies : **Java,** Spring Boot, PostgreSQL, Kubernetes, Docker, AWS, GCP, Git
- Designed and implemented a telemetry feature in a search engine for genetic data allowing for tracking of metrics, such as query execution time, in Google Cloud
- Added AWS S3 support (publishing/uploading to S3) to a public CLI tool (tables-api-cli)

Projects

ToNotion — Chrome Extension
June 2021 - Ongoing

- Technologies : **Node, GCP (Functions, Firebase),** Git (Github)
- ToNotion allows users to bring browser content into Notion formatted and prettified
- Implemented a Node function that deals with processing data from the client side and formats it properly for ingestion by the Notion API, deployed on Google Functions
- Implemented an OAuth2 solution in Node, using Firebase for storage, deployed on GCP

Education

University of Waterloo — Candidate for Bachelor of Computer Science

Expected graduation in May 2022
2017—2022 , Waterloo, Ontario