Daniel Tran

Tran-Daniel.github.io   647 974 8707
https://github.com/Tran-Daniel
trandaniel53@gmail.com

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, ON, Canada

- Technologies : Scala, Python, Go, React, AWS, Docker, PostgreSQL, Git
- Maintaining a customer facing metric dashboard, resolving issues from front end bugs to back end data issues, as well as handling rapid prototyping and deployment
- 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, resolving a pain-point for many customers

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

- Technologies : Java, Bash, JUnit, Kafka
- Worked on internal development tooling, decreasing configuration setup time and improving developer productivity
- Improved reliability of a new Java service by implementing more robust JUnit tests

Process Fusion Inc — Software Developer
Sept - Dec 2020, Toronto, ON, Canada

- Technologies : C#, .NET Core, JS, Git, API, Postman, AWS
- Gave users the ability to upload and download files between Process Fusion and Zapier platforms by researching and developing a new Zapier integration
- Provided users with more workflow functionality by adding a barcode generation and decoding functionality to a library of workflow scripts

DNAstack — Software Engineer Intern
Jan - April 2020, Toronto, ON, Canada

- Technologies : Java, Spring Boot, PostgreSQL, Kubernetes, Docker, AWS, GCP, Git
- Gave users a way to track metrics in a search engine for genetic data, such as query execution time, in Google Cloud, by implementing a new telemetry feature
- 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
2017 - 2022, Waterloo, ON, Canada

Expected graduation in May 2022