

ANAS MOHAMED

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EXPERIENCE

Areto Labs

Software Developer (Python, Flask, GCP)

Oct 2021 – Present

Remote, Canada

- Worked on porting Probot, twitter sentiment analysis bot, to other social medias and investigating their APIs.
- Contributed to major refactoring of core database tables, along with re-designing the overall architecture of Areto's core services.
- Developed central Areto account system to connect various services.

Eclipse OpenJ9 (Open-Source)

Open Source Contributor (C++)

Sept 2020 – Jan 2021

<https://github.com/eclipse/openj9-utils>

- Worked in student team under mentorship of IBM engineers to contribute to the OpenJ9 platform.
- Contributed to the development of a tool for collecting Eclipse OpenJ9's runtime performance utilizing JVMTI for JVM metrics, and perf for system level metrics.

DevFacto

Junior Consultant (C#, .NET Core, Typescript, React, Azure)

Jan 2019 – Sept 2019

Edmonton, Alberta, Canada

- Worked on a Geo-mapping web application for managing trailer inventory on construction site. Set up an audit log system, and wrapped up the project for final delivery.
- Developed and delivered a flexible questionnaire system for commercial use with an easily extensible questionnaire database.
- Collaborated with UI/UX designers in researching user requirements, stakeholder interview and developing end-user interfaces.

EDUCATION

University of Alberta

Bachelor of Science with Specialization, Computing Science

Sep 2016 – Jun 2021

Edmonton, Alberta

SKILLS

- Frameworks/Libraries: Flask, Ruby on Rails, Django, React
- Programming Languages: Go, C/C++, Python, Javascript/Typescript
- Databases/Cloud Infrastructure: SQLite, PostgreSQL, Heroku, GCP, AWS
- Development Tools: Linux, Vim/Neovim, VSCode, Git

PROJECTS

Kagi Go

<https://github.com/amohamed11/kagi>

A lightweight B+Tree-based on-disk key-value store implemented from scratch in Go.

Pinbooru

<https://github.com/amohamed11/pinbooru/>

A dead-simple image board, where users can create posts with multiple images.