

ANAS MOHAMED

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EXPERIENCE

Areto Labs

Software Developer

Oct 2021 – Present

Remote, Canada

- Contributed to major refactor effort for Coach , Slack app for helping workplace communication.
- Revamped entire database with new tables & re-designing our automated message scheduling system.
- Developed central Areto account system to connect various services.
- Worked on porting Probot, twitter sentiment analysis bot, to other social medias and investigating their APIs.

DevFacto

Junior Consultant (Intern)

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, Rust, Python, Javascript/Typescript
- Databases/Cloud Infrastructure: SQLite, PostgreSQL, Heroku, GCP, AWS
- Development Tools: Linux, Vim/Neovim, VSCode, Git

PROJECTS

Perf-Agent (Open-Source) C++, JVMTI, Perf

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

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. Developed in C++, the core for the collection server, the network client that gathered metrics, and capturing of verbose GC logs.

Kagi Go

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

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

Pinbooru Ruby on Rails, AWS S3, Heroku, PostgreSQL

<https://pinbooru.herokuapp.com/>

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