

Anas Mohamed

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EXPERIENCE

Junior Developer (Intern), *DevFacto*

01/2019 – 09/2019

Learned & used .NET Core, React(Typescript), SQL Server and Azure DevOps.

Edmonton, Canada

- Developed a Geo-mapping web tool. Was in charge of setting up an audit log system, modification of open-source tools to fit the project needs, and finally wrapping up the front-end for delivery.
- Developed a flexible questionnaire system for commercial use. Worked on the creation of an easily extensible questionnaire database and owned the front-end development.
- Collaborated with UI/UX designers and participated in researching user requirements and developing the engaging interfaces.

EDUCATION

University of Alberta

09/2016 – 04/2021

Bachelors of Science, Specialization in Computing Science

Edmonton, Canada

PROJECTS

Perf-Agent (Open-Source), *Eclipse OpenJ9 Performance Analyzer* [🔗](#)

Learned & used C++, JVM TI, Socket Programming

- Developed a tool for collecting & recording Eclipse OpenJ9's runtime performance utilizing JVM TI for JVM metrics & perf for system level metrics.
- Contributed to the core threading implementation and delivered the core for the server, network client, and capture of verbose GC logs and contributed to the overall infrastructure.

Pinbooru [🔗](#)

Learned & used Ruby on Rails, AWS S3, Heroku, Tailwind CSS

- Pinbooru is a dead-simple image board, where a user can create posts with multiple images.
- Built using Ruby on Rails, with StimulusJS & Tailwind CSS to create dynamic & interactive pages.
- Pinbooru utilizes an AWS S3 bucket for storage, and is currently deployed on Heroku

Yonder [🔗](#)

Learned & used Django (DRF), React, PostgreSQL, Heroku, Github Actions

- A three month long group project to create a distributed micro-blogging social platform that was connected to other group's nodes.
- As the team lead, of a 5-man team, I was in charge of the project management, CI/CD, and Heroku instance setup.
- Worked on the API for user accounts, following system, cross-node authentication, and overall contributed to various parts in both the backend & the frontend.

SKILLS

Frameworks

React, Ruby on Rails, Django

Programming Languages

C/C++, Python, Javascript, C#

Software Development (SDLC)

Agile Development, Test-Driven Development, CI/CD

Databases/Cloud Infrastructure

PostgreSQL, Heroku, AWS (S3, Lambda)