

# Anas Mohamed

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## Experience

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### Junior Developer (Intern)

*DevFacto*

Jan 2019 – Sep 2019

Edmonton, Alberta

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

- Joined the development of a Geo-mapping web application shortly before delivery. 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

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### BSc with Specialization, Computing Science

*University of Alberta*

Sep 2016 – Apr 2021

Edmonton, Alberta

GPA: 3.24/4.0

## Projects

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### Perf-Agent (Open-Source) [🔗](#)

*Eclipse OpenJ9 Performance Analyzer*

*Learned & used C++, JVMTI, Socket Programming*

- Developed a tool for collecting & recording Eclipse OpenJ9's runtime performance utilizing JVMTI 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

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### 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)*