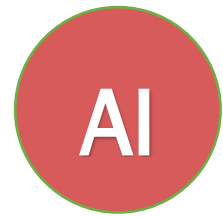


Alden Ilao

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Work Experience

Software Engineering Co-op

Jan – Apr 2022

iQmetrix

- Addressed regular production bugs and improvements in existing **.NET** services, utilizing Azure DevOps **CI/CD** pipelines to rapidly iterate.
- Participated in **Agile** workflow with team having regular standups, sprints, retrospectives, and task estimations.
- Implemented front-end data validation working with Aurelia JS framework to integrate correctly with existing backend API.
- Implemented query changes **SQL Server** stored procedures utilized in .NET application servicing reporting analytics.
- Used **Azure DevOps** App Insights to monitor and debug production systems using queries, dashboards, and log files.

Technical Project Experience

Hope Health Action - Non-Profit Web Application

May – Aug 2022

Cmpt 373 Software Development Methods

- Implemented **React** frontend/backend authentication system utilizing third party packages like Passport.js.
- Developed extensive REST API using **Nodejs**
- Created a functional database schema, able to take in dynamic questionnaires of any type or pattern.
- Gained experience in creating complex SQL queries using **Knex**.
- Developed automated test suites using **mocha** and **chai**

Student Job Application Portal

Sept – Dec 2022

Cmpt 470 Web-Based Information Systems

- Implemented pdf file submission system using **multer**.
- Developed database schema with ORM **Bookshelf.js**.
- Learned integral team aspects and contributed towards the success towards the project

Skills

- | | |
|---|--|
| ▪ Programming Languages: JavaScript, Python, C# | ▪ Web Technologies: React, Node, HTML, CSS, .NET |
| ▪ Cloud Platforms: Azure DevOps | ▪ Other: SQL, Git, Postman, Docker |

Education

Simon Fraser University

2018 – 2023

Bachelor of Science, Computing Science Program

- Dean's Honour Roll 2023
- CGPA 3.6 for Computing Science courses