

Alex Mathew



+819-919-9767



reachalexmathew@hotmail.com



900 Dynes Rd, K2C 0J5



github.com/alex-mathew98



www.linkedin.com/in/alex-mathew98

About Me

Ambitious Computer Science graduate with fundamental knowledge of software design, development and testing. Seeking to utilise educational background with analytical, technical and programming skills to thrive as an entry level software developer.

Education

Carleton University **2017 – Present**
Bachelor of Computer Science(Honours),
Software Engineering stream
CGPA: 9.6/12

- Member of Tau Kappa Epsilon Fraternity
- Member of Carleton Computer Science Society

Technical Skills

Languages:

C++, Java, Python, JavaScript

Web Development Frameworks:

React, Redux NodeJS, Spring Boot

Testing Frameworks:

Selenium, JUnit, Radish BDD

Cloud Computing Technologies:

Docker, Kubernetes

Database Systems:

MYSQL, MongoDB, Firebase

Applied Projects

StonkWatch:

2021

- Dashboard web application that serves as a stock market tracker which allows users to view real time stock data, latest news about the stock market and view sentiment analysis for each stock ticker.
- Implemented using a MERN stack architecture with ReactJS for client side.
- NodeJS and express server for the backend
- MYSQL relational database deployed on Heroku.
- Utilised Financial modelling prep API to retrieve live stock prices
- Implemented Google OAuth 2 API for handling user authentication

Work Experience

Application Developer Co-op - Nokia (January 2021 - August 2021)

- Worked on development tasks to integrate new functionalities to the User Interface layer of the application using ReactJS and TypeScript
- Implemented backend functionalities for the service utilising the Java Spring Boot framework
- Provided unit test coverage using JUnit to ensure the implemented backend functionalities were working as expected
- Extensively worked with postman, gradle, git(version-control) and followed Agile development methodologies while working with industry standard tools like JIRA, Confluence and Jenkins

Cloud Native AI/ML Co-op - Nokia (May 2020 - December 2020)

- Designed automation test scripts utilising behaviour driven development(BDD) test frameworks with python in order to test out core functionalities of the CDFE editor application
- Implemented continuous integration through Jenkins CI/CD server for our product by creating stages within the pipeline script, in order to run tests developed for the various builds of the application that gets deployed
- Constructed docker containers to integrate automation scripts for testing the live build of the application by utilising HELM charts and Kubernetes

Software Developer Intern - Co-Teacher (May 2019 - August 2019)

- Designed Scripts utilising python which were used to implement web scraping in order to extract key data from xml files which were then stored into the backend of the website
- Implemented the Google OAuth and Google Picker service API's by setting up the API keys onto to the backend of the website to help with user authentication and for file management purposes
- Learned software engineering process improvements and best practices