Mohammad Al Faiyaz

Software Engineer

On a lifelong path to know it all.

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in linkedin.com/in/alfaiyaz

◯ github.com/alfaiyma

SKILLS

Java Python

Django Android

Spring-boot Angular

JavaScript SQL

Typescript C

HTML5/CSS3 Linux

Kotlin

LANGUAGES

English
Full Professional Proficiency

French
Limited Working Proficiency

WORK EXPERIENCE

Full Stack Developer
Stack8

11/2019 - Present *Montreal, Quebec, Canada*

A company specializing in managing Cisco Unified Communications Systems

Responsibilities and Accomplishments

- Developer for the SMACS web application.
- Engaged with clients to address support requests, and features improvements.
- Directed initiatives to improve server performance.
- Development done in Java/JavaScript/Typescript with Spring-boot and Angular frameworks.

Software Engineer
General Motors Canada

06/2017 - 10/2019 *Markham, Ontario, Canada*

Responsibilities and Accomplishments

- Developer for GM vehicles' Infotainment System app launcher.
- Integrated the Android application with the vehicle's power-mode service.
- Designed module to processes updates to the database.
- Optimized transactions to the app database.
- Developed in Java and Kotlin, alongside some Python scripting.

Dell/EMC
Software Engineer

09/2015 - 01/2017 *Burlington, Ontario, Canada*

Responsibilities and Accomplishments

- Improved reliability and performance of major components within the server module.
- Identified and fixed a denial of service vulnerability within the RPC parsers.
- Implemented the parallel execution of a specific server workloads for better performance.
- Development done in C primarily and alongside C++.

Co-op Student
AMD

09/2013 - 09/2014 *Markham, Ontario, Canada*

Responsibilities and Accomplishments

- Maintained and extended features for several internal tools used in GPU encoding and decoding processes.
- Assisted in porting a GPU emulator to Mac-OSX. I was responsible for building the UI application which configured and controlled the emulator.
- Worked with Objective-C and C on Mac-OSX systems.

EDUCATION

Bachelors of Engineering (Software)
McMaster University

09/2010 - 04/2015 *Hamilton, Ontario, Canada*

PERSONAL PROJECTS

Please check my website for project details. ⧉