MICHAEL D'SILVA

Full Stack Developer

Western University (UWO), Bachelor of Engineering Science

mdsilva6@uwo.ca | linkedin.com/in/michaelddsilva | michaeldsilva.com | github.com/michaelddsilva/

SKILLS

- Object Orientated programming: C++, C#, Java
- Waterfall and Agile (SCRUM) software development methodologies
- Front-end Developer: HTML/CSS, JavaScript, front-end frameworks (React, Vue.js, Angular, React Native)
- Back-end Developer: Node.js, Express, NoSQL (MongoDB, Firebase), .NET Core, Flask, SQL
- Unit Testing: xUnit / Moq, SinonJS
- Experience with Git, Jira, Google Cloud Platform and Azure DevOps

WORK EXPERIENCE

WEB DEVELOPER AT CAAT PENSION PLAN
May 2021–Present

- Working in an Agile (SCRUM) team where I implement functionalities according to business requirements while meeting sprint deadlines
- Adding fixes and enhancements to internal and external applications

SUMMER STUDENT (SOFTWARE DEVELOPMENT) AT CAAT PENSION PLAN
May–Aug 2020

- Worked in an Agile (SCRUM) team where I implemented functionalities according to business requirements while meeting sprint deadlines
- Implemented functionalities for a .NET Core server that interacts with a SQL database
- Created Unit Tests for applications with the xUnit framework and Moq
- Added fixes and enhancements to existing internal applications

SUMMER STUDENT (ENTERPRISE ARCHITECTURE TEAM) AT TERANET
May–Aug 2019

- Designed new SharePoint site for Architecture Team
- Redesigned Architectural process flows
- Automated processes using Microsoft Flow
- Completed evaluations of technologies

SUMMER STUDENT (ENTERPRISE ARCHITECTURE TEAM) AT TERANET
May–Aug 2018

- Performed testing and evaluation of emerging, opensource, off-shelf and in-house applications
- Participated in Proof of Technology (POT) by creating manual(s) for application(s) being tested
- Provided support for ongoing Technology Architecture projects in the IT department
- Provided research and prepared artifacts, comparison evaluations for the architecture tea

SELECTED PROJECTS

PERSONAL WEBSITE: MICHAELDSILVA.COM (VUE.JS)

- Personalized website, designed using Vue.js framework, that contains my complete portfolio

CAPSTONE PROJECT: COMMUNITY SIMULATOR (REACT + FLASK)

- Working on a software application with three other software engineering students
- This project consists of a react web app that connects to a flask server to retrieve and render JSON data based on input from a user interacting with a leaflet component

SPACE INVADERS INSPIRED GAME (UNITY + C#)

- This "space invaders inspired game" was created in collaboration with two other software engineering students.
- The game's scripts were coded in C# and the assets and scenes were created in Unity.

FULL STACK WEB APP (MONGODB + EXPRESS.JS + ANGULAR + NODE.JS)

- The multi-page app uses the Angular framework and connects to a MongoDB database.

LATE SLEEPER, MOBILE APPLICATION (JAVA + FIREBASE + ANDROID STUDIO)

- The multi-page app uses the Angular framework and connects to a MongoDB database.