Ali (Alex) SamariMoghadam

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Professional Experience

Full Stack Web Developer   **January 2019 – Present**

Seneca College - Markham, ON

- Built MEAN stack (MongoDB, Express.js, Angular, and Node.js) web applications
- Worked on Java Web (Servlet and JSP) Applications
- Demonstrated a self-driven attitude by taking initiative in projects
- Worked in a team of 10 developers and UX/UI Designers

Technical Skills

Operating Systems	Microsoft Windows 10, Linux (Ubuntu 18.04 LTS)
Programming Languages	C, C++, C#, Bash shell scripting
Database Technologies	Oracle, DB2, MongoDB, PostgreSQL, SQL Server
Web Development	HTML, CSS, JavaScript, TypeScript, Java, Java Web, JSP, Apache Tomcat, WebLogic, Servlet, Ajax, Node.js, Express.js, jQuery, Bootstrap, React.js, Angular v7/v8
Tools	Visual Studio, Visual Studio Code, MS Office 2016, IBM iSeries Access for Windows (AS/400), VI Editor, Oracle SQL Developer, Robo 3T, MySQL Workbench, NetBeans, IntelliJ IDEA, Git, GitHub, Azure DevOps

Projects

Seneca International Student Web Application

- Implemented Advanced front-end architecture using Angular v7 and NgRx
- Applied Modularization, Authentication and multiple User Policies
- Designed modern user interfaces using Material Design guidelines
- Updated Database tables and created SQL views for convenient data selection
- Created node.js APIs and secure routes with authentication

Seneca Fire Protection Services

- Implemented well-structured and scalable front-end architecture using Angular v8
- Worked closely with the UX/UI designer to deliver a user-friendly experience
- Created a relational SQL Server Database including constraints and views
- Built secure node.js back-end services and APIs

Employee Management Web Application

- Used Node.js to write server routes, manage services and handle errors
- Created and managed databases using MongoDB and PostgreSQL
- Incorporated web frameworks such as Express.js and Bootstrap
- Implemented HTTPS security practices

React.js To-Do List Application

- Created a to-do list using React.js library
- Implemented simple state management
- Applied modern material web design practices using Materialize.css

Personal Portfolio

- Created a pure HTML/CSS/JavaScript Portfolio website from scratch
- Used JavaScript for animations and dynamic content insertion
- Designed a responsive and mobile-friendly website using modern CSS techniques such as Viewport, Grids and Flex-boxes
- Optimized production using Parcel.js and deployed the application online using Netlify

Aid Management C++ Application

- Created a console application that manages the list of goods that need to be shipped to a disaster area using object-oriented C++
- Implemented classes that track the quantity of items needed, the quantity on hand, and store the information in a file for future use
- Tested and debugged the application using MS Visual Studio debugging tools

Education

Computer Programming Diploma   **January 2018 – Present**
Seneca College, North York, ON

- Worked on multiple web projects using modern web technologies
- Created C/C++ applications using object oriented principals and techniques
- Gained experience with UNIX based environments such as Linux and Bash Shell Scripting
- Designed, implemented and tested SQL Databases using Oracle, DB2, MongoDB and PostgreSQL

Volunteer Experience

- Seneca Open House volunteer   **November 2018**

- FSOSS 2018 event organization team member   **October 2018**