HooraSadat Mirsanei

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PROFILE

As a highly organized and detail-oriented full-stack software developer, I bring a strong problem-solving mindset to every project. With a background in Object-Oriented Software Development and Full-Stack Software Development programs at SAIT, I have honed my skills in web application development. Additionally, my hands-on experience in full-stack software development and business analysis within the oil & gas industry has provided me with a unique perspective on delivering robust solutions.

I am well-versed in agile Scrum methodology and committed to practicing unit testing and quality assurance, all while prioritizing a superior user experience and seamless system integration. My ability to quickly grasp new concepts allows me to continually enhance deliverable quality and reduce costs through improved efficiency and heightened productivity.

TECHNICAL PROFICIENCIES

Programming Languages:	HTML, CSS, Saas, JavaScript, C#, PHP (Familiar), Python (Familiar), TypeScript, Ruby on Rails
Libraries/Frameworks:	React, Vue (Familiar), Node, jQuery (Familiar), Bootstrap, .NET, ASP.NET
Development Tools:	GitHub, MS Visual Studio
Databases/DBMS:	PostgreSQL, Microsoft SQL Server, MySQL, Cosmos Db, Oracle DB (PL/SQL), Microsoft Access
Cloud Environment:	Microsoft Azure, Amazon Web Services (Familiar)
Other tools:	Jira, Figma

EDUCATION

Full-Stack Software Development (Certificate)	**June 2023 – September 2023**
SAIT, Calgary, Alberta	

Object Oriented Software Development (Certificate)	**January 2019 – June 2019**
SAIT, Calgary, Alberta	**GPA:** 4.0/4.0 (Top Student with Honors)

RELATED EXPERIENCE

Full-Stack Developer	**June 2023 – now**
Immigrant Techies, Calgary, AB, CA	**Part Time**

- ✓ Developing a web application (Community Connect) for the Immigrant Techies Alberta group on top of a PERN stack plus SCSS, TypeScript, and Sequelize as an ORM library.

Freelancing and Upskilling	**September 2020 – May 2023**
Freelance Software Development and Self-Learning	**Part Time**

Dedicating to self-learning and freelancing to further enhance skills and knowledge:
- ✓ Self-studying/ improving proficiency in HTML, CSS, JavaScript, C#, PHP, Python, React, Vue, Node, .Net, SQL server, and PostgreSQL
- ✓ Engaging in freelance software development projects

Full-Stack Developer	**May 2020 – August 2020**
Child Friendly Care (Footprints for Learning Preschool Ltd.), Calgary, AB, CA	**Part Time**

- ✓ Developing a web application for a daycare startup using Azure Functions with C# for serverless API backend, and Quasar framework for single page application plus Cosmos DB as a NoSQL database

Full-Stack Developer	**July 2019 – April 2020**
Payload Technologies Inc., Calgary, AB, CA	**Full Time**

- ✓ Creating a new digitalized logistic web application using Vue.js for the front end, Node.js for the backend, On-Prem PostgreSQL database, and AWS Lambda as the serverless infrastructure
- ✓ Customizing and improving an existing digitalized logistics system:
  - A web application using HTML, CSS and React for the front end, Ruby on Rails for the backend, and On-Prem PostgreSQL database
  - Two mobile apps (Android and iOS) using Java and Swift

COURSE PROJECTS

Full-Stack Developer
Student Management System, Asset Tracking System, Travel Expert Project, Calgary, AB, CA   **Sep 2023**

- ✓ Elaborating a few ASP.Net Core MVC web applications including API applications and a few desktop applications using C# and SQL Server databases

Full-Stack Developer
Travel Expert Project, Calgary, AB, CA   **June 2019**

- ✓ Elaborating a desktop application, a web application and an Android application plus a web service using Java, Java Server Page, Servlet, AJAX, and MySQL database

Full-Stack Developer
Travel Expert Project, Calgary, AB, CA   **April 2019**

- ✓ Development of a C#.NET based desktop application and ASP.NET based web-forms by using Microsoft SQL database

Full-Stack Developer
Travel Expert Project, Calgary, AB, CA   **February 2019**

- ✓ Creation of an HTML/JavaScript/CSS based web application with server-side processing using PHP and MySQL

ADDITIONAL PROFICIENCIES

MATLAB, Oracle Primavera P6, Comprehensive Project Management, Project Risk Management, Project planning and control, Business process management, Introduction and Documentation of Quality Management Systems (based on ISO 9001:2015), Internal Audit of Management Systems (based on ISO 19011:2011), Key Performance Indicators

ADDITIONAL EDUCATION

M.Sc. in Industrial Engineering, Industries   **September 2005 – May 2007**

Mazandaran University of Science and Technology, Babol, Iran   **GPA:** 4.0/4.0 (Top Student with Honors)

B.Sc. in Industrial Engineering, Planning and Systems Analysis   **September 2001 – June 2005**

Mazandaran University of Science and Technology, Babol, Iran

ADDITIONAL EXPERIENCE

Business process analyst / HR analyst   **October 2012-January 2018**
Pars Energy-Gostar Drilling & Exploration (PEDEX) Co., Tehran, Iran   **Full Time**

Company Business: Drilling and exploration of oil and gas
- ✓ Establishing and administrating web-based office automation systems (Correspondence system-HR system)
- ✓ Designing different organizational process and preparing the related workflows and manuals
- ✓ Contributing in establishment of ISO 9001:2015
- ✓ Improving organizational chart and participated in the preparation of Company and HR strategic planning