Rayyan Azher Miswani

902-448-7782 | rayyanazher25@gmail.com | LinkedIn | GitHub

Education

Dalhousie University
Bachelor of Computer Science

Halifax, NS
Sept 2022-present

Skills

Programming Languages: Java, Python, C#, ASP.NET Core, HTML, CSS, JavaScript, MySQL & MariaDB, SQL Server, PostgreSQL, PHP, Node.js, C++, C, Assembly

Development Tools & Frameworks: Git, VS Code, IntelliJ, PyCharm, Android Studio, Visual Studio, Azure DevOps, AWS, Docker, DBeaver, SSMS, Unity, Power BI, Tableau, Jira, Confluence, MS Office 365, WordPress

Libraries & APIs: Pandas, NumPy, Matplotlib, React, Firebase, Google Maps SDK, PayPal SDK, ASP.NET Identity, Entity Framework Core, Flask, ZeroMQ, SQLAlchemy

Soft Skills: Leadership, Teamwork, Public Speaking, Time Management, Problem Solving, Critical Thinking, Agile & Scrum Methodologies, Code Reviews, Technical Documentation

Experience

Software Developer Intern: *Sobeys Headquarters*

Stellarton, Nova Scotia

May 2024 – Aug 2024

- Worked on creating a database that stores all the stores information across Canada and create an application which can be accessed by all the clients using server-side scripting.
- Solved numerous ticket requests along the lines of file deployment, granting server access & pushing folders to the right section increasing the ticket completion time by 13%.
- Implemented security protocols and data validation measures, ensuring data integrity and compliance with company standards.

Junior Software Developer Intern: *Sobeys Headquarters*

Stellarton, Nova Scotia

May 2025 – Aug 2025

- Developed internal tools including a registry-to-SQL automation app and a fetching application reducing manual configuration effort by 30%.
- Enhanced the Home Finance Tracker web app by implementing secure authentication and session management, improving data security and reducing login-related issues by 25%.
- Collaborated on the Barcode Project, streamlining deployment and integration processes which cut resolution time for barcode-related tickets by 20%.
- Participated in Agile sprints and code reviews, contributing to an overall 10% improvement in team delivery time across projects.

Projects

Medibot | Python, JSON, DBeaver, Frameworks (Flask, Zmq, SQLAlchemy, Ollama)
- Designed and implemented a medical prioritization system using Flask, ZeroMQ, and the Ollama language model API.
- Enabled real-time conflict resolution in the emergency room queue through dynamic notifications, improving patient prioritization efficiency.
- Developed a user-friendly command-line interface for intuitive user interaction and input.

Home Finance Tracker | ASP.NET Core, C#, SQL Server, JavaScript, HTML, CSS
- Built a full-stack finance management app with secure authentication, session-based login, and personalized expense tracking.
- Enhanced UI/UX for dashboards, charts, and expense pages; added features for bill image storage and viewing.
- Integrated interactive data visualizations (bar, line, pie charts) filtered by user.
- Initiated development of an AI-powered chatbot to guide users and answer finance-related queries.

Quick Cash | Android Studio, Java
- Collaborated with a team to design, develop and test a mobile application facilitating small paid jobs in the local area.
- Implemented dynamic local area detection for users and role-based functionalities for employers and employees.
- Developed features for job submissions, job searches with various parameters, preference storage and job alerts.
- Integrated Google Maps for job visualization and an online payment system for instant compensation.
- Set up and configured Firebase Realtime Database for seamless data storage and retrieval.
- Utilized Agile methodologies for efficient project management and continuous integration.