

Stash Currie

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Technical Skills

Programming Languages: C#, Typescript/Javascript, Python, SQL, Java, HTML/CSS

Technologies and Frameworks: Azure Cloud, React, .NET, PyTest, Selenium, Entity Framework, Docker, NodeJS

Tools: Postman, Jira, Unity, Git, Adobe Suite (Photoshop, Premiere), Visual Studio, Rider

Work Experience

Web Developer Co-op (React, Typescript, C#, .NET, Azure Cloud, SQL, Esri ArcGIS) May 2023 - present
Cambio Earth Systems (BGC Engineering) Vancouver, BC

- Spearheaded the development of a plethora of fullstack features for the company's geotechnical data management platform, used daily by hundreds of engineers, enhancing their daily operational efficiency and decision-making abilities.
- Independently developed a plot to display NOAA National Water Model data using **ChartJS** allowing engineers to easily visualize time-series data.
- Expanded the 'Admin Tool' UI to allow direct database modifications through **Entity Framework**, significantly saving development time and streamlining multiple processes.
- Consistently met deadlines for high-priority tickets including urgent requests for clients.
- Led a team of developers as the Scrum Master facilitating the Agile process and inspiring collaboration.

QA & Test Automation Co-op (Python, PyTest, Selenium, Azure Cloud, SQL) Sep 2022 - May 2023
Cambio Earth Systems (BGC Engineering) Vancouver, BC

- Independently developed a test automation framework written in python using **PyTest** and **Selenium** which runs nightly on an Azure Pipeline to verify and monitor system critical API endpoints and UI workflows.
- Created and executed test plans using both automated and manual testing methods to verify backend cloud systems which utilized Azure **Function Apps**, **Service Buses**, and SQL **databases**.
- Refactored and updated existing python automations to respond to functional changes and to improve code quality.

Projects

UBC Workday Side by Side Calendar ([Chrome Web Store Link](#)) Jun 2024 - present

- Created a browser extension for Chrome and Firefox with a small team of developers, gaining over **5000 users** and 4000 downloads on the **Chrome Web Store**.
- Implemented using Typescript and React, reverse engineered API calls to fetch data from various sources.
- Refactored the UI to be more responsive to screen sizes and zoom levels.

ItinerAI (Microsoft AI Learning Hackathon 2024) May 2024 - Jun 2024

- Created a chatbot utilizing **Azure's OpenAI** service to craft trip itineraries utilizing **LangChain** tools and agents.
- Connected the chatbot to **Azure Cosmos DB** to find relevant locations using vector searching techniques.
- Developed a web application using Typescript and **NodeJS** to serve as a frontend, integrating the **Google Maps API** and chatbot into the application.

Education

University of British Columbia Vancouver, BC
Bachelor's of Science, Major in Computer Science Cumulative GPA: 4.0/4.33

- A+ average in Computer Science courses.
- Minor in Commerce (Sauder School of Business).
- Relevant courses: Machine Learning, Data Structures & Algorithms, Software Construction, Calculus, Linear Algebra.

Awards

- Governor General's Bronze Medal (highest average in highschool graduating class).
- BC Achievement Scholarship.