ALEX CAMERON

+1(613) 558-4763 ⋄ Ottawa, Ontario

alex8cameron@gmail.com ⋄ github.com/alexcameron8 ⋄ linkedin.com/in/alexcameron8 ⋄ www.acameron.tech

TECHNICAL SKILLS

Languages	Java, C, Python, VB .NET, PHP, HTML, CSS, Javascript, SQL, Dart, MATLAB
Frameworks	Flutter, Flask, Spring, React.js, REST, Appwrite
Tools	Git, Docker, Jenkins, Visual Studio, VS Code, JetBrains IDEs, SmartBear, Active Directory

WORK EXPERIENCE

IT Help Desk Technician, Summer Student   May 2023 - Sept 2023
Hydro Ottawa   *Ottawa, ON*

- Hands on experience configuring and troubleshooting internal issues for Windows 10 computers.
- Utilized Active Directory to grant permissions and resolve user account issues.
- Supported the IT Help Desk during a labour dispute, ensuring uninterrupted IT services, troubleshooting issues, and maintaining operational efficiency.

Software Engineer, Co-op   May 2021 - Sep 2022
Gastops   *Ottawa, CA*

- Collaborated in engineering teams to develop new features and maintain desktop client software applications using the VB.NET framework.
- Expanded and improved an internal data analysis and visualization tool by implementing new features within a Python Flask web application framework.
- Created user registration and login pages using PHP, HTML & CSS for an internal expense portal.
- Executed systematic testing and debugging activities, including identifying and resolving issues with new features and ensuring reliability of the system.

PROJECTS

IoT Smart Gardening & Farming System - Dart/Flutter, Python, Appwrite   Sep 2022-Aug 2023
Designed and developed a mobile app and IoT enabled smart gardening and farming solution. The sensor node uses an ESP32 MCU to communicate with the sensor devices. Built the backend using Appwrite which communicates to the sensor node by an MQTT broker. The mobile app was implemented using the Flutter framework.

Amazin Bookstore - Java, Javascript, CSS, HTML   Jan 2023 - Aug 2023
Developed a Java-based web app using the Spring framework and REST APIs to create an interactive bookstore. Employed agile development methodologies and CI/CD practices to ensure seamless deployment. Employed comprehensive testing strategies, including unit testing and integration testing to maintain high-quality standards.

Personal Website - HTML, CSS, Javascript   Dec 2021-Jan 2023
Acquired a greater understanding of web development basics and fundamentals using HTML, CSS and Javascript to share my personal portfolio.

Elevator Simulator - Java   Jan 2022 - Apr 2022
Java desktop application which simulates an elevator system. This project uses various engineering concepts, such as, concurrency, scheduling, real-time systems, thread synchronization, internet protocols (TCP/IP) and MCV.

EDUCATION

Bachelor of Software Engineering, Co-op, Carleton University   Dec 2023

- Relevant Coursework: Object-Oriented Software Development, Algorithm Design, Sequential Programs.
- Cumulative CGPA: 9.61/12 (B+)
- Availability: Full time immediately.