

Ben Shamas

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Skills

- **Languages:** C#, C, C++, Java, JavaScript, TypeScript, Python, Swift, PHP, SQL
- **Frameworks:** .NET, Node, React, MySQL, PostgreSQL, MongoDB
- **Tools:** Linux, Bash, Git, Visual Studio, Visual Studio Code, XCode
- **Soft Skills:** Organized, Time Management, Problem-solving, Teamwork, Self Motivated

Work Experience

Web Developer

Freelance

Kitchener, ON

March 2022 - Present

- Consulted with clients to gather specifications for new and existing websites
- Developed a single page website using HTML, CSS, Bootstrap, and jQuery
- Designed website for multiple different device sizes
- Utilized GIT to manage project's version control
- Organized and managed the completion of project features

Deli Clerk

Zehrs

Kitchener, ON

2011 – 2021

- Collaborated with other colleagues to complete time sensitive tasks
- Assisted in managing a department of multiple colleagues
- Received, filled, and delivered customer orders in a timely manner
- Trained new and existing colleagues on products, equipment, and routine duties
- Organized and distributed warehouse orders according to company plan
- Assisted in product and supply ordering

Education

Wilfrid Laurier University

Bachelor of Science, Computer Science

Waterloo, ON

2019 – 2022

Conestoga College

Software Engineering Technology

Kitchener, ON

2016 – 2019

Projects

Terra (C#, .Net, JavaScript, React, Python)

Description: Developed a website that enables farmers to share satellite data about their fields and properties.

- Developed front end using REACT and Mapbox GL JS
- Designed REST API using .NET Core framework
- Implemented user authentication and authorization with Firebase and JSON web tokens
- Designed PostgreSQL database schema and implemented functions and stored procedures
- Developed Python scripts to gather data from the Nasa Earth Data API
- Deployed to cloud using Microsoft Azure Cloud Platform

Social Media App (JavaScript, Node, Express.js, MongoDB)

Description: Developed a simplified social media application that allows users to post text-based content

- Utilized REACT and Material-UI to build the front-end design
- Developed Mongoose ORM Schema to store users post data and store it in MongoDB Atlas
- Designed backend REST API to support CRUD operations
- Leveraged OAuth to authorize users

Houseplant Management App (Swift, iOS)

Description: Developed an iOS application to help manage the care of houseplants.

- Collaborated in a team to meet project deadlines
- Managed the graphical and event driven user interface with the UIKit framework
- Configured data models using the Core Data Framework
- Utilized the MVC design pattern

Pothole App (Java, Android)

Description: Developed an Android application to help track deterioration in public infrastructure.

- Utilized Google Maps API to display geographical user data
- Leveraged Firebase API to create, read, update, and delete user data stored in the cloud
- Used SQLite to create, read, update, and delete local user data
- Tested application functionality with JUnit