Caelan Mason

Software Engineering Student

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Summary

Software Engineering student with experience building full-stack web applications using React, Angular, MongoDB, Firebase, and REST APIs. Strong foundation in frontend architecture, API integration, and Agile development workflows.

Experience

APR 2024 - AUG 2024
OAKVILLE, ON

Summer Student, Application Developer, First Canadian Title (FCT)

- Developed production-ready Angular components to accelerate feature delivery and improve UI consistency across the application.
- Integrated UI updates and backend APIs to streamline data flow and improve workflow efficiency with measurable results.
- Collaborated with developers and QA in Agile ceremonies to enhance sprint predictability and reduce issue resolution time.
- Managed Git and Azure DevOps for version control, issue tracking, and code reviews to maintain code quality and deployment readiness.

Projects

Clinical Trial Tracker Web App (In Progress) | React, Express, REST APIs

- Building a full-stack web app to search and filter clinical trials using the ClinicalTrials.gov API.
- Implemented search and filtering by condition, phase, status, and location using React hooks and Axios.
- Designed RESTful API endpoints and structured frontend–backend separation for future features.

CampusBite — Meal Plan Ordering App (In Progress) | React, MongoDB, Express

- Developing a campus food-ordering platform with student and vendor workflows, including menu browsing, cart, and order status.
- Implementing a MongoDB-backed API to manage orders, meal-credit deductions, and order lifecycle updates.

Full-Stack Vinyl Marketplace | Node.js, Express, Firebase, JavaScript

- Built a full-stack marketplace application supporting user authentication, item listings, and browsing.
- Used Firebase Realtime Database for data storage and managed development using Git and GitHub.

Skills

React	JavaScript
TypeScript	Python
Java	Angular
HTML	CSS
Bootstrap	Node.js
Express	REST APIs
MongoDB	Firebase Firestore
Git	GitHub
Azure DevOps	Postman
VS Code	

Education

JAN 2022 - PRESENT

B.A. (Hons.) Information Technology, York University

- Dean's Circle of Student Scholars
- Sessional Academic Achievement List
- Tom Janes Scholar — $20,000 Renewable Entrance Scholarship

Relevant Coursework

Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Web Technologies, Systems Architecture, Software Engineering & Systems Design

Leadership & Affliations

Member, Rewriting the Code (RTC) — Women in Tech Fellowship (2024–Present)