Rawhi Alfar

Milton, ON · alfarrawhi@gmail.com · 9054625957 · Portfolio · LinkedIn · Github

Education

University of Guelph   Guelph, ON
Bachelor of Computing, Software Engineering *GPA: 3.8*   September 2020 - June 2025

Skills

Programming Languages: JavaScript, TypeScript, CSS, HTML, Python, SQL, Java, PHP, Cobol, Ruby
Libraries & Frameworks: React.js, Node.js, GraphQL, jQuery, AJAX, Tailwind, AWS, Pytest, Jest, JUnit
Tools: Git, Github, Selenium, AWS, Trello, Jira, POSTMAN, Figma, Apollo, Zoho, Firebase, AWS, TestRail

Work Experience

Fill it Forward   Guelph, ON
QA & Software Development Intern   January 2024 - August 2024

- Built key features for the mobile app using **React Native**, including group management and impact tracking, increasing client engagement by **60%**.
- Developed and implemented **Zoho CRM** automation scripts for client onboarding and data processes, **significantly reducing manual sales effort** and **increasing operational efficiency**.
- Led QA efforts by designing test plans, automating **Jest** unit tests, and **reducing testing** time while **improving reliability**.

TAMVOES   Waterloo, ON
QA Analyst Intern   September 2022 - December 2022

- Executed 50+ **manual and regression test cases** per release, identifying 15+ critical bugs that reduced post-release critical issues by 40
- Designed **pytest unit tests**, achieving high code coverage and accelerating defect detection.
- Created standardized **test suites** for major features, **reducing release cycle delays by 20%.**

TD Bank   Toronto, ON
Quality Engineering Intern   May 2022 - August 2022

- Performed **functional and usability testing** on all user stories in each sprint, resulting in a **25% reduction in valid post-release defects**.
- Built **20+ automated scripts using Selenium WebDriver** to validate key web elements and user flows, integrating them into the nightly regression suite to **improve testing efficiency by 30%**.
- Collaborated with Agile teams to document defects and deliver solutions within tight deadlines.

Projects

Appstinence | *Dart, Kotlin, Java, C++*
https://github.com/rawhialfar/Appstinence

- Engineered core Flutter functionality with native Android (Kotlin) services for real-time app blocking.
- Implemented multiple features to provide **personalized user insights and boost productivity**.
- Integrated third-party packages to **dynamically fetch app data and manage blocking events**.

Course Manager | *PHP, JavaScript, HTML, CSS, Python, Figma*
https://github.com/rawhialfar/Course-Manager

- Developed a web-based course management system with database integration for academic planning.
- Utilized a server-side **REST API** to handle **data operations**
- Adopted a **rotating sprint** format to enable a **cross-functional** and inclusive development process.

Genovation Voice Dashboard | *TypeScript, React, Express, Stripe, Supabase, Retell AI*
https://github.com/Genovation-AI-Burlington/GenovationVoiceDashboard

- Built a **full-stack** voice agent dashboard with React/TypeScript frontend and Express backend, featuring real-time call monitoring, agent management, and billing systems.
- Implemented **multi-service architecture** connecting **Stripe** payments, **Retell AI** voice capabilities, and **Supabase** database with cohesive TypeScript APIs and React components
- Designed **modular UI components** with theme switching, responsive layouts, and intuitive data visualization for agent performance and conversation analytics.