

SOORY RANGANATHAN

SUMMARY

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- Programming Languages: HTML, CSS, Python, Java (Android), JavaScript, C++ (CMake), SQL, Golang, C, NodeJS
- Testing Frameworks: Jest, Cypress, Selenium, Cucumber, Mocha, Chai
- Frameworks: Vue.js, React, .NET, Node.js, echo (golang)
- Technical Skills: Regression and Integration testing, Testing Automation, Scripting, Graphical design, Test Plans/Cases and Processes, User Experience, Debugging, Analyzing
- Soft Skills: Communication, Team Collaboration, Problem Solving, and Analytical Thinking

EXPERIENCE

RFRL

2021 - 2022

Full Stack developer (Internship)

Toronto, ON

- Developed screen-sharing feature using Vue.js and y.js, reducing costs and minimizing latency to deliver a seamless and responsive user experience.
- Suggested the use of the sqlx golang ORM to simplify the encoding and decoding of data between Golang structs and Postgres databases, improving the efficiency and maintainability of the codebase.
- Worked on code compiling service for the pair programming feature, enabling real-time collaboration and teamwork.
- Added REST endpoints to sign in and sign up for rfrl platform.
- Created tables in postgres to outline tutors and mentees on the platform using golang migrate.

RFRL

2021 – 2021

SDET (Internship)

Toronto, ON

- Conducted manual stress, stability, and reliability testing to identify and resolve software issues.
- Developed a comprehensive Test Plan, providing a roadmap for both QA and business requirements.
- Implemented automated integration testing using jest, generating detailed and organized reports.
- Created automated Smoke testing to maintain the stability and provided fast valuable feedback to developers.

PROJECTS

Vegetarian Protein Bars website

Link: Vegetarian Protein Bars

- Conducted product needs analysis using market research and current user feedback to design website prototype
- Used Selenium with cucumber for automating End-to-end testing
- Designed and developed automated testing from functional requirements and design specification documents
- Constructed the website using html and css incorporating stakeholder and customer feedback
- Develop RESTful Web Services that support customer needs, providing a seamless experience for users

BrewForYou Coffee Shop website

Link: BrewForYou Coffee Shop

- Optimized cross-browser and multi-platform compatibility, ensuring a seamless and user-friendly experience for all users, regardless of the device or platform they are using
- Transformed manual test cases into automated ones, streamlining the testing process and reducing the risk of human error
- Managed the entire website development lifecycle, from concept to launch, using the vue.js framework.
- Use Git/GitHub to manage source control for the project
- Used .NET to support web development efforts

EDUCATION

University of Guelph

September 2018 - December 2022

- Honours Bachelor of Applied Science in Computer Science
Relevant Courses: Software Reliability and Testing , Intelligent Systems, Software Design, Cryptography, and System Modeling and Simulation.