Thi Hong Minh (Melanie) Le

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SKILLS

Front-end	React • React Native • JavaScript • HTML • CSS • Bootstrap • Angular • Xamarin • Ionic • jQuery • Typescript
Back-end	C#.NET • Node.js • REST API • Java • C++ • Data Structure and Algorithm • C • ExpressJS • Relational Database SQL • NoSQL • MongoDB
Tools/Others	Git • GitHub • Docker • Figma • Adobe XD • Agile Software Development (Scrum) • Azure • UNIX
Automation QE	Selenium C# • TestComplete • Confluence • Jira • Jenkins • AWS • TestRail • SmartGit

WORK EXPERIENCE

PAR Technology   **API Software Engineer**   *May 2024 - present*

- Developing a full-stack app with **React** and **C#.NET** using and implementing **LaunchDarkly REST API** to **address cost and access issues** with feature flag management. Allowing QAs, QEs, and developers to manage feature flags independently.
- Implemented features enabling viewing of environments and feature flags, monitoring feature flags' statuses, and turning ON/OFF feature flags based on IDs.
- Professionally wrote an impact analysis for each developed feature for future reference and detail QA notes to support QA's test plans.

Associate QE Automation Engineer *(Co-op, Part-time)*   *May 2023 – April 2024*

- Worked as an Automation QE in a Web Scrum team, automated and elevated **Selenium C#** project success rates from 50% to a flawless **100%** through continuous strategic script quality enhancements.
- Automated **100+** web and POS test cases using **Selenium C#** and **TestComplete JavaScript**, leveraging AWS EC2 for script execution and implementing Jenkins pipelines for distributed test execution.
- Proficiently documented bugs using **Jira** and retested them **preventing disruptions to 40+ test cases** and production, ensuring a seamless user experience.
- Conducted thorough investigations of issues, ran weekly Smoke and biweekly Regression runs, promptly addressing bugs to enhance product stability. Documented them on **Confluence** for future reference.
- Fostered collaboration among manual QA and QE team members, providing consistent updates on script progress and leveraging collective insights to tackle shared web case challenges and innovate solutions.
- Mentored a new coop student, facilitating their integration into the team and enhancing their skill set through guidance and support.

Hamilton Health Science   **Application Developer Intern**   *July 2022 – September 2022*

- Actively tested the Budget Tool while also contributing to bug identification and resolution in **React**.
- Received comprehensive training to proficiently utilize **Git**, effectively managing commits from various branches using **Git Graph**.
- Maintained workflow documentation using industry-standard tools, including **Confluence** and **Jira**.

PROJECTS

Today's Weather   [App](#) | ⬡ [GitHub](#)
- A web application developed with **React** and **React-Bootstrap** by fetching data from [OpenWeatherMap API](#). Cities with the same name can be used to query real-time weather details.
- **API call** is reduced significantly by storing *Previously Viewed Cities* into a local state.
- Access user's current location by using **Geolocation** to display user's current weather in home page.

Blog App   [App](#) | ⬡ [GitHub](#)
- A web application developed with **Angular**. Users can browse between posted blog, comment, and filter by "categories" and "tags". Admin will have the accessibility to edit, update, delete current posts and upload new posts.
- Blog posts are managed and stored in **MongoDB**.

EDUCATION

Seneca College   **Honours Bachelor of Technology - Software Development**   *January 2021 - Present*
- **GPA**: 4.0/4.0.
- **Award**: President's Honour List 2021-2024.
- **Vice President** of a Discipleship Club called "12 Stones" Fall 2022 – Summer 2023.