Martin Cabrera

Software Quality Assurance Engineer

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Work Experience

LTIMindtree - Redmond, WA   May 2019 - Present

Quality Assurance Engineer (Microsoft Contractor)

- Provided valuable feedback to developers regarding major UI/UX oversights and potential security vulnerabilities within their product, potentially saving shareholders thousands in lost revenue.
- Mentored and onboarded four QA Engineers, boosting productivity and team efficiency by 30%. Guided team members through daily tasks, providing guidance about the product and fostering collaboration in a fast-paced team environment.
- Created over 100+ pull requests, ensuring rigorous code quality and CI/CD integration with Azure DevOps and Git. Utilized Playwrights tools for testing across different browsers and pre-production environments, reducing regression issues by 20%.
- Collaborated with project stakeholders to perform a variety of ad hoc tests outside the scope of my required duties. Drafted a variety of custom test plans to meet the clients needs, working under strict deadlines to provide high quality deliverables that exceed stakeholder requirements.
- Led automated testing efforts for a core user-facing product using Playwright and Typescript, reducing execution time by 20% and reducing defects by 50%.

Skills

Languages: Javascript, Typescript, HTML5, CSS3, Sass, MongoDB, C++, Java.

Technologies & Tools: ReactJS, Express.js, Vite, Playwright, Azure DevOps, Git, Github, Node.js, Jest, Mongoose, Netlify, Power BI, Chrome Developer Tools, Postman, Manual Testing, Automation Testing, Bug Filing & Reporting, Angular7, Passport.js, Webpack.

Independent Projects

Figure Database App - Desktop Application; ReactJS, Vite, Sass, CSS3, Javascript, Node.js, Express.js, Mongoose, MongoDB.

- Developed a desktop application that allows users to search and navigate through a catalog of toys. Users are able to search based on existing animated properties with a primary focus on Japanese and American media.
- Utilized a jamstack architecture, which has a frontend application make API calls to a separately hosted backend REST API. Utilized a Content Delivery Network to store and retrieve images. Securely stored Content Delivery Network image URLs within the entry database document.

Weather App - Desktop Application; ReactJS, Vite, CSS3, Javascript

- Developed an application, utilizing the public WeatherAPI. Allows the user to input a location and receive personalize weather data, temperature, humidity and wind speed.
- Utilized conditional rendering to display icons and backgrounds based on currently displayed weather conditions.

To Do List App - Desktop Application; ReactJS, Vite, CSS3, Javascript, localStorage

- Designed a simple To-Do List that allows users to create, read, update, and delete tasks, utilizing Javascripts localStorage property in order to store and retrieve created tasks.

Education

University of Houston   Aug 2015 - May 2019

B.S. in Computer Science, Minor in Mathematics