Martin Cabrera
Software Fullstack 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 Agile 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%.

Fullstack Engineer (Microsoft Contractor)

- Designed end-to-end UX using Figma, creating user flows, wireframes, and high-fidelity prototypes to ensure seamless implementation of application features and improved onboarding workflow by 25%.
- Led frontend development efforts for a scalable React web application using Typescript, building reusable, type-safe components, writing unit tests with Jest, and optimizing performance, resulting in reduced page load times by 50%.
- Designed and implemented a scalable relational database schema in SSMS, applying normalization principles to optimize table structures, reduce data redundancy, and improve query performance by 35%.
- Facilitated direct communication with key stakeholders to shape application features and drive informed product decisions.

Skills

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

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, SQL, Regression Testing, Exploratory Testing, Ad Hoc Testing, Usability Testing, Functional Testing, Compatibility Testing, Sanity Testing, Black Box Testing, Figma, OpenAI API, Copilot, UI/UX Design, PostGreSQL, Prisma ORM, Redux.

Independent Projects

Figure Database App - Desktop Application; ReactJS, Vite, Sass, CSS3, Javascript, Node.js, Express.js, PostgreSQL, Prisma ORM.

- 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.

Education

University of Houston   *Aug 2015 - May 2019*
B.S. in Computer Science, Minor in Mathematics