**Garick Mendez**

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**Education**

**St. Edward’s University** Austin, TX

Bachelor of Science in Computer Science*,* Minor in Business May 2024

**Work Experience**

**Cooledtured** *Nov 2023 - March 2024*

*Web Development Intern*

* Refactored a legacy frontend design into a modern UI for an e-commerce site to use modern web-design principles using React, GraphQL, Typescript, and Tailwind CSS, leading to 5 reusable components and 2 cutting-edge pages.
* Discussed with senior engineers and project managers in weekly meetings to streamline our user experience, resulting in responsive design of interfaces accessible to the color blind population.
* Worked 7 tickets to completion, took part in 16 code reviews, and iterated code updates upon feedback, producing a quality headless commerce managed by 5 executives.

**Renzoe Box** *June 2022 - Jan 2023*

*Full-Stack Intern*

* Development using Docker containerization, facilitating deployments for an AWS cloud environment.
* Updated and maintained a Flask server connected to an SQL database to perform CRUD operations.
* Adapted to software engineering best practices through code reviews, pair programming, and continuous integration, resulting in a 50% reduction in post-release defects and improved product quality.
* Implemented user centered design on webpages using React, Typescript, and Tailwind CSS, creating 4 fresh components.

**Skills**

**Programming Languages:** TypeScript, JavaScript, Java, Python, CSS, HTML, SQL.

**Frameworks:** React, Next, Flask, Tailwind, Shopify Hydrogen.

**Web Architecture:** AWS, Docker, Microservices.

**Personal Projects**

**Basketball Analytics Platform (HoopLogic)**

* Architected a full-stack web application using React, Flask, SQL, and persistent data to visualize basketball metrics on a customizable dashboard, improving timely access to relevant statistics by 40%.
* Designed and implanted a REST API to serve data to the UI, resulting in relevant statistics for users.
* Created animated visualizations using the D3 charting library, providing a user-focused experience.

**Autonomous Vehicle Delivery Service (WeGo)**

* Engineered a multithread TaaS software with Python, JS, and CSS, allowing users to track deliveries.
* Collaborated with a software engineering team in an agile scrum framework, employing Figma, Trello, and Selenium for front-end testing, incrementing deployment time efficiency by 20%.
* Demonstrated proof to product owners and delivered presentations, resulting in satisfied stakeholders.