

Garick Mendez

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Skills

Programming Languages: TypeScript, JavaScript, Java, Python, CSS3, HTML5, MySQL.

Technologies: React, Next, Flask, Tailwind, NodeJS, D3.js, Shopify Hydrogen, Bootstrap, NPM, Git.

Web Architecture: AWS, Docker, Microservices.

Experience

Cooledtured

November 2023 - March 2024 • Austin, TX

Web Development Intern

- Implemented 7 reusable components and 2 cutting-edge pages by refactoring a legacy frontend design into a modern UI for an E-Commerce with React, GraphQL, TypeScript, Tailwind CSS, and Git for version control.
- Cooperated with 8 developers to deploy a complete website re-design for a company with over 125 employees.
- Designed with senior engineers using Figma and strategized with project managers in weekly meetings to optimize UX, leading to the implementation of responsive interfaces catering to over 150,000 monthly users.
- Solved 9 tickets to 100% completion, participated in 16 code reviews, and iterated code updates upon feedback, producing a reliable headless commerce managed by 5 executives.

Renzo Box

June 2022 - January 2023 • Austin, TX

Full-Stack Intern

- Augmented a dependable cloud environment by utilizing AWS services such as EC2, S3, and RDS to support functionality of Dockerized applications, guaranteeing a reliable cloud-driven software.
- Ensured 100% performance of CRUD operations by maintaining a Flask server connected to a SQL database.
- Slashed post-release defects by 50% by adapting full-stack engineering best practices, ensuring code integrity through clean code, documentation, code reviews, and continuous integration, improving detailed product quality.
- Iterated software development lifecycle based on constant feedback to implement detail-oriented web pages using Sketch for design, React, Typescript, and Tailwind CSS, resulting in 4 fresh components.

Projects

Basketball Analytics Platform (HoopLogic)

- Accelerated access to statistics of over 7,000 players by 40% by architecting the development of a full-stack web application using React, Flask, and MySQL to visualize basketball metrics on a customizable dashboard.
- Integrated a third-party REST API to serve data to the UI, resulting in over 90,000 games worth of relevant statistics that update weekly using CI/CD.
- Implemented data-driven animations with D3 to create visually appealing charts for client facing software.
- Led research on color-blindness for user needs and adhered to WAVE (web accessibility evaluation tool) testing metrics, escalating user-accessibility.

Autonomous Vehicle Delivery Service (WeGo)

- Engineered and strategized a multithread Transportation as a Service (TaaS) software using Python, JavaScript, Mapbox, and Nginx to simulate the automated delivery of vaccines to a hospital, allowing demand and supply side users to track orders with a 0 second delay.
- Collaborated in an agile SCRUM framework, adapting to roles in front-end, back-end, DevOps, and scrum master, employing Figma, Trello, and Selenium for planning and testing tools, resulting in a rarely-given full grade for a software engineering team of 7.
- Delivered 8 visually engaging presentations to product owners to communicate progress and receive feedback, and met deadlines for all 8 sprints, resulting in increased stakeholder satisfaction that culminated in an outstanding MVP Demo Day.
- Orchestrated UX analysis and surveying, creating 5 accurate storyboards for different use case scenarios.

Education

Bachelor's of Science in Computer Science

May 2024 • Austin, TX

St. Edward's University • Minor in Business