

Garick Mendez

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SKILLS

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

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

Web Architecture: AWS, Docker, Microservices.

EXPERIENCE

Web Development Intern

Cooledtured

November 2023 - March 2024, Austin, TX

- Refactored a legacy frontend design into a modern UI for an E-Commerce site to use modern web-design principles using React, GraphQL, Typescript, Tailwind CSS, and Git for version control, leading to 7 reusable components and 2 cutting-edge pages.
- Designed with senior engineers and strategized with project managers in weekly meetings to optimize UX, leading to the implementation of responsive interfaces catering to users, achieving an overall user satisfaction rating increase for 2000 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.

Full-Stack Engineer Intern

Renzo Box

June 2022 - January 2023, Austin, TX

- Augmented a dependable cloud environment by utilizing AWS services such as EC2, S3, and RDS to support functionality of Dockerized applications.
- Ensured 100% accurate 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, pair programming, and continuous integration, yielding improved product quality.
- Implemented user centered design on web pages using Bootstrap, React, Typescript, and Tailwind CSS, creating 4 fresh components.

PROJECTS

HoopLogic

Senior Project • github.com/garick-git/HoopLogic

- Architected the development of a full-stack web application using ReactJS, Flask, MySQL, and persistent data to visualize basketball metrics on a customizable dashboard, improving timely access to relevant statistics by 40%.
- Integrated a third-party REST API to serve data to the UI, resulting in relevant statistics for users that update once a week using CI/CD.
- Implemented data-driven animations with D3 to create visually appealing charts for client facing software.

WeGo

Software Engineering Course • github.com/garick-git/WeGo

- Engineered 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 engaging presentations to product owners, reporting progress and value of projects, and met deadlines for all 8 sprints, resulting in increased stakeholder satisfaction which culminated in an outstanding MVP Demo Day.

EDUCATION

Bachelor's of Science in Computer Science

Minor in Business • St. Edward's University • Austin, TX • 2024
