

Gerardo Garza

Software Engineer

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Work Experience

Software Engineer @ UTRGV Indoor

09/18 - 04/23

- Authored multiple web applications for a university organization, boosting productivity by 50%.
- Engineered responsive UI components and optimized user experience across multiple devices by utilizing Styled Components; reduced page load time by 50% and accelerated customer acquisition by 30%
- Implemented, tested and launched new software architecture, decreasing development time by 30% in 6 months.
- Created a social app that handled over 120 users and 3 groups within UTRGV indoor.

IT-support Lead @ University of Texas Rio Grande Valley

01/18 - 02/21

- Programmed a web-app to make the clock in procedure more efficient by decreasing the amount of time to clock in from 15 minutes to seconds.
- Updated existing scripts to allow for scalability when dealing with a large amount of machines to improve maintenance times by 25%.
- Led the migration to ServiceNow while training student workers in my team.
- Collaborated with faculty and staff to implement technology solutions that enhanced teaching and learning, such as online course delivery platforms and virtual classrooms decreasing “filler-time” in the classroom by 10%.

Projects

Spotify Dashboard ([Project Link](#))

03/23 - 04/23

- Developed a full-stack web application using React, Styled Components, and Express, integrating Spotify's API to provide a quick and efficient user experience.
- Designed and implemented responsive UI components with Styled Components, ensuring optimal performance across multiple devices and screen sizes.
- Leveraged Express to build a RESTful API to handle server-side logic, including authentication and authorization, decreasing load times by 33%.

Game Night ([Github Link](#))

08/22 - 12/22

- Streamlined the front end development of a web application using React, reducing maintenance time by 60%.
- Directed modeling of data and API endpoints to allow for seamless frontend integration to backend services increasing render time by 20%.
- Ensured the application was fully responsive and optimized for use on both desktop and mobile devices, resulting in a seamless user experience.
- Utilized TailwindCSS to decrease development time by 20% resulting in a more organized codebase.

SKILLS

Languages: Javascript/Typescript, NodeJS, HTML, CSS/SCSS, TailwindCSS, Ruby, C++, JAVA

Frameworks: ReactJS, NextJS, ExpressJS, Ruby on Rails, Flutter

Tools: MongoDB, REST APIs, NoSQL, Github, VS Code, Figma, JIRA, Postman, Visual Studio, Midjourney AI, ServiceNow, Agile methodology, Scrum, Responsive UI

EDUCATION

B.S. Computer Science, University of Texas Rio Grande Valley

01/18 - 05/23

Coursework: Software Engineering I & II, Algorithms & Data Structures, Object Oriented Programming JAVA

