Jorge Alberto Mendoza II

jorgemendozaiidev@gmail.com | https://www.jorgemendozadev.com | GitHub | LinkedIn

EDUCATION

University of North Texas at Dallas	**July 2021**
Bachelor of Arts in Information Technology	Dallas, TX

- **Relevant Coursework:** Data Structures and Algorithms, Database Administration, Software Engineering Principles, Human Computing Interfaces, Computer Security, Computer Networking, Web Application Development.

Technical Skills

Programming Languages:	JavaScript, HTML, CSS, GraphQL, TypeScript
Libraries & Frameworks:	React, Node JS, Next JS, Styled Components, SCSS, Redux, Cypress, Express
Tools:	Git, Docker, MongoDB, Webpack, Vercel, ESLint, Vite, Figma, Jest, Babel, NPM

Projects

Full-Stack Entertainment Application | React, TypeScript, GraphQL, MongoDB, Styled Components

- Developed a full-stack web application built with React and GraphQL that features user authentication, content browsing, and content bookmarking.
- Researched and implemented the react-router library to create seamless page navigation, render data based on route information, and gracefully handle errors to provide a pleasant user experience.
- Implemented continuous and secure authentication using a JSON Web Token that is passed into the context of a GraphQL query for verification, enabling the server to respond to the query or handle the invalid request.
- Created end-to-end test with Cypress and supertest that run within a docker container to simulate a production environment; ensured the application is deployed error-free on Digital Ocean through a CI/CD pipeline.

Park and Recreation Mobile Application | Kotlin, MySQL, UML, Project Management

- Collaborated with a team to design and develop a mobile application where users can search for recreation centers in a city and view the various activities and amenities offered at the center.
- Managed the team and organized the sections of the application to be completed by each member, with myself responsible for the UI/UX design and implementation in the Kotlin programming language.
- Conducted research on analogous applications and development tools, leading to the completion of a functional prototype and a 100-page report that documented the team's application development process.

Markdown Editor | React, TypeScript, Redux, Styled Components

- Developed an in-browser Markdown editor that incorporates real-time rendering of markdown content while editing, enables local storage of markdown data, and provides seamless document switching.
- Constructed a state management system with Redux to update application state efficiently; creating helper functions that used the reducer methods to execute specific updates to the Redux store.
- Utilized Styled Components to implement a responsive and accessible user interface as well as apply a theme context to quickly switch between light and dark color palettes.

Professional Experience

Dallas Independent School District	**May 2021 - Present**
Campus Based Desktop Support Technician, IT Client Support	Dallas, TX

- Examined, troubleshooted, and resolved student and teacher laptop/desktop issues daily to ensure that teaching and learning could continue efficiently with little to no downtime.
- Managed multiple elementary, middle, and high-school campuses and maintained constant communication with administrators to create a productive learning environment and prepare for crucial events such as testing.
- Collaborated with the mobile device management team to configure machines with software such as Intune, deploy devices to campuses, and conduct tests to ensure all workstations were fit for educational use.