Jorge Alberto Mendoza II

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EDUCATION

University of North Texas at Dallas   **July 2021**
Bachelor of Arts in Information Technology   Dallas, TX
- **Relevant Coursework:** Data Structures, Database Administration, Software Engineering Principles, Human Computing Interfaces, Computer Security, Computer Networking, Internet Programming, IT Project Management.

Technical Skills

Programming Languages:	JavaScript, HTML5, CSS3, GraphQL, TypeScript
Libraries & Frameworks:	React, Node JS, Next JS, Styled Components, SCSS, Redux, Express
Tools & Platforms:	Git, Docker, MongoDB, Cypress, GitHub, Figma, Vite, Storybook

Projects

Full-Stack Entertainment Application | React, TypeScript, GraphQL, MongoDB, Styled Components, Docker, Express
- Developed a full-stack web application built with React, MongoDB, and GraphQL that features content browsing, content bookmarking, a responsive interface, and secure user authentication.
- Researched and implemented the react-router library to create seamless page navigation, authenticate and render data based on route information, and gracefully handle errors to provide a pleasant user experience.
- Created various React hooks that provide re-usable functionality throughout the application such as updating the cache on GraphQL mutations and handling various DOM events.
- Optimized the client bundle size by utilizing dynamic loading to selectively import the necessary JavaScript modules for immediate application use, enhancing application performance and reducing unnecessary overhead.

Prolog Application | React, TypeScript, Next JS, SCSS, Cypress, Storybook, Figma
- Implemented various features and bug fixes for an online service built with Next JS that logged errors and monitored the status of deployed web applications.
- Created reusable UI components with Storybook to provide consistent styling and functionality throughout the application, enabling developers to focus on implementing and testing new features.
- Developed a feature that allows users to filter through project issues by status, level, and project name; utilized existing UI components to create the interface and created tests with Cypress to confirm the expected behavior.
- Utilized the SCSS library to implement a responsive, accessible, and performant user interface that aligns with the style specifications defined in the Figma file.

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 device issues daily to ensure that teaching and learning could continue with little to no downtime.
- Managed multiple elementary, middle, and high-school campuses and maintained constant communication with administrators to facilitate a productive learning environment and prepare for crucial events such as testing.
- Collaborated with the multiple departments and teams to configure machines with software such as Intune, deploy devices to campuses, and conduct tests to ensure all workstations were fit for educational use.

University of North Texas at Dallas   **August 2019 – January 2020**
Park and Recreation Mobile Application, Capstone Project   Dallas, TX
- Collaborated with a team to design and develop an Android application where users can search for recreation centers in a city and view the various activities and amenities offered at a facility.
- Conducted extensive research on analogous applications and development tools, leading to the completion of a detailed report that documented the team's findings, plans for development, and continued support.
- Constructed the user interface in the Kotlin programming by researching the language and tools to create a functional prototype of the application which featured user authentication, search capabilities, and displayed up-to-date information on recreation facilities.