Jorge Alberto Mendoza II

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Education

University of North Texas at Dallas – *Bachelor of Arts in Information Technology*
- **Relevant Coursework:** Data Structures, Database Administration, Software Engineering Principles, User Interface Experience & Design, Network Security, Web Application Development, 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 actions throughout the application to organize the project structure and provide functionality such as updating the cache on GraphQL mutations or handling 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 a sentry-like online service that logged errors and displayed the status of deployed web applications & services.
- Created reusable and maintainable UI components with Storybook and SCSS to provide consistent styling and functionality throughout the application, enabling developers to focus on implementing and testing new features.
- Implemented a feature that allows users to filter through service issues by status, level, and project name; utilized existing UI components to construct the user interface and created tests with Cypress to confirm the expected behavior.
- Utilized the SCSS library and modern CSS techniques to implement a responsive, accessible, and performant user interface that aligns with the style specifications defined in the Figma file.

Park and Recreation Mobile Application – Kotlin, Android Studio, UML, Project Management
- 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 Kotlin by researching the language and tools needed to create a functional prototype which featured user authentication, search capabilities, and displayed up-to-date information on recreation facilities.
- Organized the project schedule, scheduled meetings, assigned tasks to group members, and received weekly updates to ensure deadlines were met and completed successfully.

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.