China
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ZIJIE HUANG

I require sponsorship to work for a new employer

Skills

- **Technical Skills:** React, React-Native, Redux, Angular, MySQL, Git, JavaScript, TypeScript, Vue, HTML, CSS, Android, IOS, Charles, WireShark.
- **Languages**: Mandarin (native), Cantonese (native), English (fluent, passed CET-6).

Work Experience

Software Development Engineer at MEGA Datatech, Macao — Oct 2022 - Oct 2024

*MEGA Datatech was Established in the early 1980's, Mega has been long standing in Macau for almost 40 years and is one of the early pioneers of computer and information systems in the territory. In 2001, Mega joined the Vodatel family and became a wholly-owned subsidiary and one of the flagships of Vodatel Networks Holdings Limited (Hong Kong Stock Code 8033). *https://www.megadatatech.com/en/about/*

- Acted as a front-end developer at MEGA Datatech, responsible for evaluating, developing, and maintaining mobile Apps and Web Applications.
- Optimized the project by creating reusable components, improving build processes, and enhancing page load speeds.
- Managed app publishing on Google Play and App Store.
- Handled certain DevOps tasks, such as packaging projects and deploying them to production.
- Developed technical documentation and deployment guides for internal use, using the VuePress framework with Markdown.

Projects

Counter Reservation System - *An Appointment for counter service web application embedded in the Government App(Developed using React)*

- Implemented **OAuth2** authorization mechanism to enable third-party platform authentication processes.
- **Embedded third-party platform iframes** with a connected header, allowing functionalities like multi-language switching and user login/logout.
- Enabled embedded web functionality within the app to access mobile features (e.g., photo upload, camera access) through **third-party platform's signature verification**.
- Developed and integrated a **dark mode theme** for the application.
- Enhanced version management by **embedding the Git commit ID in build files**, with periodic requests for the version file to ensure the app remains updated.
- Incorporated **Eruda** debug script for in-app web log visibility, simplifying debugging.
- Utilized **Charles** and browser developer tools for debugging by compose or rewrite request.

Ticket Service System - *an Android system of Ticket Service (e.g., appointment, call Ticket) (Developed using React-Native)*

- Customized and encapsulated common components according to project requirements, implemented state management using **Redux**, and route navigation using **React Navigation**.
- Encapsulated network requests to **handle different response formats**, such as XML and JSON.
- **Embedded WebView** within the Android app, implementing OAuth2 for **third-party platform authorization**.
- Enabled **QR code scanning** for queue number registration and reporting functions using react-native-vision-camera.
- **Optimized build commands** to distinguish release versions across development, UAT, and production environments.

ARQ - *Appointment, Getting Remote Ticket Web Application (Developed using Angular)*

- Implemented **i18n** for **multiple languages**, including Traditional Chinese, Simplified Chinese, English, and Portuguese.
- Customized CSS styles based on different government department requirements.
- Optimized code with reusable components to reduce maintenance time and costs.

Education

Guangdong Ocean University, Zhanjiang, China — SEP 2017 - SEP 2022

- BEng in Software Engineering
- GPA: 3.66 / 5.0 (Top 10% in Major)
- Multiple scholarships in University (Including Tuition-Free Study Abroad Program in Taiwan)

National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan — SEP 2018 - JAN 2019

- Exchange program at the Department of Marine Environment
- GPA: 4.1 / 5.0 (Top 5% in Major)