Alex Herrera Saravia

Talca, Maule Region, Chile

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Skills

Python, Django, React, React-native, TypesCript, Redux Toolkit, TailwindCSS, VueJs, NodeJS, PHP, Docker, PostgreSQL, MySQL, Unit Tests, JavaScript, HTML, CSS, bootstrap, TypeORM, Problem Solving, Data Structures, Linux, Agile, Vim, Netlify, Git, Insomnia, Advanced English.

Experience

Software Developer, OneConsultores SpA – Talca, Maule Region, Chile   October 2021 – May 2023

- Developed the courthouse module, which required digitizing the management of judicial procedures. To achieve this, I gathered the requirements and designed a virtual access system using VueJS, TypeORM, NodeJS, and PostgreSQL. This system enabled natural persons to check the status of their procedures and allowed officials to register information, documents, and judicial resolutions, resulting in increased process speed, greater user convenience, and data integrity through digital backups.
- Optimized the production system for circulation permits, which required greater stability and functionalities. I took on the task of implementing improvements, such as displaying documents directly from the entry form, migrating the email manager, and fixing errors using VueJS and KumbiaPHP, achieving a more stable, efficient system with an enhanced user experience.
- Designed and developed a mobile application in IONIC to manage entry to the FIAC 2023 event, addressing the challenge of ensuring efficient and secure control of attendees. My task involved creating a solution that allowed scanning the identity card code and registering the information in a database via an API, which facilitated event management for the organizers.
- Resolved incidents and optimized the user experience in a municipal system by providing specialized technical support, guiding individuals who had difficulties using various system functionalities. My responsibilities included generating "transparency reports" requested by citizens. I succeeded in improving user satisfaction and ensuring transparent access to public information, thereby strengthening trust in the system.

Intern OneConsultores SpA – Talca, Maule Region, Chile   January 2021 – March 2021

- Modernized a legacy system by updating maintainers with VueJS 3, NodeJS, TypeORM, and PostgreSQL, integrating webservices to optimize the circulation permits system; I implemented improvements in views and functionalities, creating intuitive interfaces, resulting in a faster, more stable, and user-friendly system, reducing processing times and facilitating permit management for municipal officials.

Additional Participation

Competitor ACM-ICP latin american programming contest   November 2017
Competitor ACM-ICP latin american programming contest   November 2016

Projects

Restaurant Full-Stack   github.com/abezzi/restaurant-fullstack

- System for managing restaurants or similar services, featuring: monorepo, POS, user profiles, token-based login, i18n, throttling, authority roles, role-based navigation, dark mode, and company customization.

FitnessApp Hybrid Mobile   github.com/abezzi/sofi-workout

- Developed a cross-platform workout tracker mobile app featuring: authentication, routine/exercise creation, draggable workouts, timer with step tracking, history calendar, routine sharing, i18n, dark mode.

Education

Universidad Católica del Maule – Executive Computer Engineering