CHRISTIAN ANTONIO AVILA SAUCEDO

SOFTWARE ENGINEER & FRONTEND DEVELOPER

CONTACT

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INFORMATION

Location: Torreón, Coahuila, México.
Languages: 🇲🇽 Spanish, 🇺🇸 English (Advanced)

EDUCATION

(B.S) SOFTWARE ENGINEERING Universidad Politécnica de Durango 2017 – 2020

CERTIFICATIONS

React: React Esencial (2019)

IBM: IBM API Connect v2018 API Skills

Scrum: Scrum Fundamentals Certified

SOFT SKILLS

- **Attention to detail:** Having a keen eye for detail is crucial when designing responsive interfaces.
- **User empathy:** Understanding the needs and preferences of users is essential for creating intuitive and user-friendly UI/UX designs.
- **Leadership:** Capability to take initiative, provide guidance, and inspire others, even in a technical role.
- **Communication:** Ability to effectively communicate technical concepts to both technical and non-technical stakeholders.
- **Problem-solving:** Aptitude for identifying and resolving complex technical issues, often requiring innovative solutions.

HARD SKILLS

React	NodeJS
Vue	Jest
Sass	C#
Tailwind	MySQL
Typescript	Git
Javascript	Unity 3D
Redux	Express JS
Docker	Webpack
Websphere MQ	Java
Next JS	Astro JS

EXPERIENCIE

UI/UX DEVELOPER - M6CONNECT

NOV 2023 – CURRENT

I play an essential role in a **Nebraska-based** company in the **United States**, contributing to the creation of widgets for a software as a service **(SaaS)** application. I implemented regular expressions **(REGEX)** to automate tasks within the app management system, thereby streamlining daily operations and enhancing overall efficiency. This implementation was carried out using **React** and **Typescript** and applying **SOLID principles**. Additionally, I corrected **UI** designs to align with **UX** best practices, leveraging **CSS Modules** and UI libraries such as **MaterialUI**. Furthermore, I was involved in the creation of **custom hooks** and employed **Clean Architecture** principles. As a result, I am enhancing user interaction and satisfaction while simultaneously improving the efficiency of the apps and conducting **unit testing.**

SOFTWARE ENGINEER – NEXTIA

JUN 2022 – AUG 2023

I participated in the development of an access control project for the **Senate of the Republic**, which was created with **NextJS** using static generation **(SSG)**; The project was thoroughly tested with **Jest** and **Cypress**, achieving **85% coverage**, and it followed the **SCRUM model**. Additionally, I utilized websphere MQ and Java as an intermediary Backend for asynchronously queueing requests and creating **APIs**. Moreover, I led the development of a massive single page application (SPA) for a global construction company. Later, I contributed to the creation of **APIs** with **ExpressJS** and **Typescript**, specifically tailored for clients in the real estate sector. Furthermore, I implemented **Husky** configuration for pre-commit validation of unit tests and formatting with **Eslint**, all while adhering to **Clean Architecture** principles as well as helping with some **Docker** configurations.

FRONTEND DEVELOPER - VENN PLATFORM

AUG 2020 – MAY 2022

While redoing modules for a **startup**, I utilized **React**, **Redux**, **Context**, and **Axios**. I focused on improving the design of multiple interfaces to ensure proper **UX** implementation with **MaterialUI** and **Styled Components**. Among the new features introduced were a coupon system and a dashboard featuring charts with gradient styles. I fetched data using **React Query**. implemented using **Chart.js**, form filling with **Formik**, along with smooth animations using **gsap,** all of that following the **Atomic Design**. Additionally, I conducted unit testing and updated components to **TypeScript**. Working within a **monolithic repository** and employing webpack, I utilized **micro-frontend** techniques. **Deployment** to **QA** and **production** environments was facilitated directly from PhpStorm, where I also modified **PHP** files as necessary.

FRONTEND DEVELOPER – UJED

MAY 2019 – MAR 2020

I **developed** the website for the 'Durango State Language School University' (CELE) utilizing **React, Material**, **Redux**, and **Bootstrap**. As part of the development, I implemented a user management system, enabling users to enroll in different courses seamlessly. Integration with **APIs** allowed users to pay for course registrations and complete the registration process. Throughout the project, I adhered to **Scrum** methodology and utilized **webpack**. Responsive designs were a key focus, ensuring accessibility across various devices. Additionally, a dashboard was created to facilitate easy enrollment in a wide variety of courses.