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## Work Experiences

### Caprepa Full stack developer - Culiacán Sinaloa (on-site)

September 2023 - June 2024

As a Full Stack Developer at Caprepa, I was responsible for developing responsive websites using React.js and JavaScript to optimize user experience. I implemented Redux Saga to efficiently manage state and handle HTTP requests. Additionally, I contributed to the development of Paycel, a cross-platform financing app built with React Native.

On the back-end, I developed services using Node.js, ensuring seamless integration with front-end functionalities. I managed relational databases by designing tables based on UML diagrams and implementing structured data models. I also designed and implemented routes, controllers, and data validation layers using TypeORM to model entities and database structures.

Additionally, I worked extensively with SQL queries, optimizing database performance through well-structured queries, including complex joins to efficiently retrieve and manipulate data. I also created a specialized service that processed and imported data directly from Excel files into the database, improving data handling efficiency.

### Sol4IT Front end angular developer - (remote).

July 2023 - August 2023

I worked as a Front-End Angular Developer at Sol4IT, where I designed and implemented responsive websites using Angular and JavaScript. I applied a responsive design approach to align system functionalities with user needs. Additionally, I ensured code quality through continuous testing, ensuring compliance with expected standards.

### Paynalli systems software developer - (hybrid)

March 2022 - January 2023

As a Software Developer at Paynalli Systems, I specialized in customizing and developing Odoo modules to meet client requirements. My role involved designing and implementing new data models, customizing report templates using QWeb, and optimizing PostgreSQL databases for efficient data storage and retrieval. I worked extensively with Odoo's relational model, defining Many2one and One2many relationships to enhance system functionality.

Additionally, I configured and tested Odoo in a Linux virtual machine, managing system operations and database administration. I provided training to team members on Odoo workflows and functionalities, ensuring smooth adoption of new features. My responsibilities also included researching and implementing Odoo enhancements to optimize business processes.

One of my key contributions was developing a custom Odoo module and a demo website for the Instituto Nacional Electoral (INE). Throughout my tenure, I collaborated closely with my team, engaging in discussions, research, and development to deliver efficient and scalable solutions.

### Design and Conservation of DCIESA Properties - (internship)

August 2020 - December 2020

Developed a single page web application for the DCIESA brand, focusing on responsive design to ensure a fluid user experience on different devices. Collaborated closely with the team to align project objectives and ensure efficient delivery of results.

## Open source projects

I have experience in creating fullstack systems check out some of my projects: mern systems, api rest bookmanagementapi library management, token-authentication, google-auth, api rest-crud, appcountries, ip-address-tracker

## Education

### Bachelor's degree in computer systems engineering

Instituto Tecnológico de Mérida - Mérida, Yucatán.

January 2014 - December 2020

### Certificates

Javascript course (Sololearn)

git fundamentals in cloud (Udemy)

Web development. JavaScript from scratch, 2018-2019 Edition (Udemy)

TypeScript: Your complete guide and handbook. (Udemy)

Interactive sql (Desafío latam)

### Skills

Programming Languages: JavaScript, Python.

Frontend: React, React Native, TailwindCSS, Context API, Redux Saga, React Formik. Material ui, HTML, CSS, React router, React styled components

Backend: Node.js, Express.js RESTful APIs.

Databases: Sqlserver, Mysql, PostgreSQL, MongoDB.

Tools: GitHub, Vite, Vscode

Testing: Jest.

Others: experience JWT, Postman.

### Languages

Spanish – Native

English – basic proficiency