

OCHOA CARRILLO JOSÉ GUADALUPE

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Passionate frontend developer, on a mission to create fast, intuitive, and accessible interfaces. With over 5 years of experience, I specialize in transforming ideas into engaging and functional digital experiences. I'm always seeking new challenges and opportunities to learn and grow in the dynamic world of web development.

EXPERIENCE

Universidad de Colima

· FrontEnd Developer Jr

Mar 2025 – Present

- **Project: Eventos UCOL**

- Implemented key frontend functionalities for efficient academic planning management, including creation, editing, and query operations.
- **Developed event creation functionality based on user registration data.**
- Designed a modular and scalable system based on component-oriented development principles, facilitating future updates and ensuring optimal performance.
- Integrated custom APIs for data synchronization, ensuring interoperability and consistency across institutional systems.
- Implemented dynamic forms with adaptive logic to manage fields and validations according to specific academic planning needs, improving workflow efficiency.
- **Integrated QR code reading capabilities within a PWA, utilizing local storage for data handling.**

· Intern Jr FrontEnd Developer

Mar 2024 – Present

- **Project: Sistema de Planeación Académica para Media Superior**

- Implemented key frontend functionalities for efficient academic planning management, including creation, editing, and query operations.
- Designed a modular and scalable system based on component-oriented development principles, facilitating future updates and ensuring optimal performance.
- Integrated custom APIs for data synchronization, ensuring interoperability and consistency across institutional systems.
- Implemented dynamic forms with adaptive logic to manage fields and validations according to specific academic planning needs, improving workflow efficiency.

· Intern Jr FrontEnd Developer

Nov 2020 – Aug 2021, Aug 2023 - Mar 2024

- **Project: EDUC**

- Designed and implemented a communication forums module, promoting interaction and exchange of ideas within the student community.
- Led the migration from traditional controllers to frontend-consumable APIs, increasing system efficiency and scalability.
- Identified and resolved critical platform issues, improving functionality and optimizing the end-user experience.
- Redesigned the user interface for key sections, applying User-Centered Design (UCD) principles to achieve more intuitive and engaging navigation.

- Developed a comprehensive grade management module, facilitating precise and agile handling of academic data.

Servicios Profesionales ESTMAR

FrontEnd Developer Jr.

Jun 2024 – Dec 2024

- **Project: Puerto Inteligente y Seguro (PIS)**

- Designed and implemented a digital file management module.
- Developed the Port Development Master Program Repository system.
- Refactored a device management module, optimizing code, improving performance, and applying clean design principles and security best practices.
- Implemented PR-based CI/CD pipelines to automate deployments and testing.
- Handled JWT token validations and renewals to ensure secure authentication.

Internal Projects

- Designed and implemented an administration system using unique identifiers (UUIDs) for efficient resource management in routes and operations.
- Implemented an authentication system supporting both traditional credentials (username and password) and OAuth2 login providers (social networks).
- Developed fully dynamic forms and CRUDs based on configurable metadata extracted from dynamic tables, optimizing system flexibility.
- Built reusable and configurable layouts, ensuring consistency in the user interface.
- Designed and implemented a modular architecture based on reusable components, enabling scalability and efficient maintenance.
- Created and published a reusable component library on npm to standardize UI development across projects.
- Developed a custom frontend deployment library to streamline and automate project deployment processes.

EDUCATION

Software Engineering

UNIVERSIDAD DE COLIMA — Faculty of Telematics

August 2021 - 2025

Technical Programming Analyst

UNIVERSIDAD DE COLIMA — Bachillerato No. 2 — Professional License 12930271

August 2018 - June 2021

SKILLS

Frontend Development	HTML, CSS, JavaScript, Tailwind CSS
	React (JSX, TSX), Astro, NextJS, Vue.js, jQuery, Svelte, EJS
Backend Development	JavaScript (Node.js), PHP, Express.js, NestJS
Database	SqlServer, MySql, MongoDB
Languages	Spanish - Native, English - B1

CERTIFICATIONS

Academy Cloud Foundations - **Amazon** [View Badge](#)

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