

OSMAR RUBÉN CIAU MARTIN

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EDUCATION

Universidad Autónoma de Yucatán

Expected Graduation: May 2027

Campus of Exact Sciences and Engineering

Faculty of Mathematics

Bachelor of Software Engineering

Relevant Coursework: Software Design, Data Structures, Software Construction, Human Computer Interaction, Database Design, Development of Web Applications, Web Application Optimization.

SKILLS

Languages: TypeScript, JavaScript, Java.

Frameworks/Libraries: React, Next.js, Astro, Express.js, Tailwind.

Databases: MongoDB, PostgreSQL.

Tools: Git, AWS.

WORK EXPERIENCE

Professional Internship – Deux

React & Next.js Developer

March 2025 – July 2025

- Developed an admin panel for a real estate app and a client manager for power bill tracking.
- Migrated two separate React applications to Next.js and integrated them with a shared AWS Cognito user pool, allowing seamless authentication between platforms and significantly improving the user experience.
- **Skills:** React, Next.js, MUI, AWS (Cognito, Amplify, API Gateway).

Freelance Projects

Full Stack Developer

January 2024 – Present

- Delivered full-stack web solutions for small businesses and external clients, focusing on tailored UI components and backend integration.
- **Skills:** MongoDB, Express.js, React, Node.js, Tailwind, Astro, Next.js.

PROJECTS

Campus Feedback Platform

- Led the development of a web application with classmates that enables university students to provide feedback on courses and instructors, assisting others in making informed academic decisions. The platform is currently live and actively used, with plans to expand to all UADY faculties.
- **Skills:** JavaScript, React, Tailwind, HTML/CSS, MongoDB, Express.js

Landing Page for a Water Structures Company (Hotel Sector)

- Designed and deployed a business landing page for a company focused on aquatic structures for hotels. Managed direct client communication, contracts, and iterative changes to design and layout based on client feedback.
- **Skills:** Astro, TypeScript, Tailwind, CSS, Cloudflare.