

Eduardo Flores

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WORK EXPERIENCE

Katcon

October 2023 — Present

Full Stack Engineer

Santa Catarina, Mexico

- Developed a REST API with Express and JWT authentication, deployed serverless with CI/CD support.
- Optimized a Python script, reducing its execution time from 8 hours to 40 minutes.
- Designed and implemented cloud databases with DynamoDB and PostgreSQL for data-driven applications.
- Automated dynamic WhatsApp notifications for critical Power BI reports with Lambda, Docker and Selenium, reducing manual report-sharing time by 10 hours per week.
- Applied responsive "mobile-first" design across a website using Tailwind CSS.
- Set up automatic linters and formatters, reducing code review time by 20% and improving team efficiency.
- Built interfaces centered on usability with Figma and developed them with React and TypeScript.
- Added internationalization (i18n) into a developing platform for accessibility, expanding to 4 new regions.

Helios SaaS

January 2022 — December 2022

Full Stack Engineer

Remote

- Developed a web platform using Vue and Bootstrap to streamline daily company processes.
- Made Python web scraping scripts to extract metal prices, saving 2 daily hours of manual data collection.
- Designed and applied SQL Server stored procedures to support API functionality.
- Automated daily consumption of third-party APIs using Azure Functions with Python scripts.

PROJECTS

Treckter DAW ([Link](#)) | React, Tailwind, TypeScript

A minimalist and intuitive Digital Audio Workstation (DAW) to quickly make music and original rhythms.

Widgets 4 Workouts ([Link](#)) | Vue, Bootstrap, Sass

A set of custom user-friendly tools designed to facilitate and efficiently manage your daily workout routine.

EDUCATION

Universidad de Monterrey

August 2020 — December 2024

B.S. in Computer Science, GPA: 3.9 (97.5/100)

San Pedro, Mexico

SKILLS & INTERESTS

Technical: Node, Express, Python, Flask, Java, SQL, REST, JWT, Bash, React, Angular, Vue, TypeScript, HTML, CSS, Bootstrap, Tailwind, AWS, Docker, Linux, Git.

Languages: English, Spanish, French (basic).

Skills: Research, planning, adaptability, collaboration, organization, leadership.

Interests: Music production, calisthenics, computer building, reading.