

Karla Lerma Molina

Full-Stack Developer | Hermosillo, Son | karlaarlethlerma@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SKILLS AND TOOLS

Frameworks/Tools: React, NestJS, Flask, Vue, Next.js, TailwindCSS, Bootstrap, SpringBoot, Docker, Figma.

Technologies: HTML, CSS, JavaScript, Node.js, TypeScript, Git, Python, SQL, noSQL.

Skills: Leadership, Adaptability, Teamwork, Responsibility, Creativity, Self-taught, Flexibility, Problem-solving.

WORK EXPERIENCE

Secihti

Full Stack Developer

Remote

Jul 2024 - May 2025

- Collaborated on a **project management application** using **Vue** for the frontend and **Spring Boot** for the backend.
- Centralized projects documentation, **optimizing project analysis efficiency by 175%**.
- Spearheaded a **visual overhaul** to enhance the **application's clarity**.
- Developed clear technical documentation, **reducing onboarding and development delays by 60%**, leading to **improved team coordination**.
- Planned the project sprints to produce **key documentation**, improving the development process.

Oceanus Supervisión y proyectos

Remote

Full Stack Developer

Feb 2024 - Jan 2025

- Developed a web application to **optimize** the organization's internal administration.
- Implemented a **modern, responsive frontend** using **React, TypeScript, and TailwindCSS**.
- Built a modular backend with **NestJS** and **TypeORM**, ensuring a **60%** increase in **performance, security, and scalability**.
- Coordinated training sessions and meetings to **align the solution with business goals**.
- Rebuilt a legacy system using modern technologies, **boosting performance and user satisfaction by 110%**.

PROJECT EXPERIENCE

CSI PRO Website - [Link](#)

Hermosillo, Sonora

Full Stack Developer

Feb 2024 - Present

- Increased the laboratory's discoverability by **150%** by developing a **responsive website** using **Next.js**.
- Coordinated workflow** with the development team to meet project requirements.
- Designed an **intuitive and accessible interface**, enhancing user interaction with the platform.

Movilidad Urbana - [Link](#)

Hermosillo, Sonora

Full Stack Developer | Data Post-processing

Aug 2022 - Jan 2024

- Co-author of a scientific article** currently in preparation for **publication** in collaboration with researchers and project advisors.
- Contributed to an interinstitutional project focused on **improving urban mobility** through the analysis of citizen movement patterns.
- Used **Python, Flask, Pandas**, and spatial analysis tools like **isochrones** to process qualitative and quantitative data.

EDUCATION

Universidad de Sonora

Hermosillo, Sonora

Information Systems Engineering

Graduation Date: Mar 2025

CERTIFICATIONS

- FreeCodeCamp:** Responsive Web Design - [Link](#) | Jan 2025
- EF SET:** Official EF SET Certificate | CI Advanced - [Link](#) | Apr 2024
- Google:**
 - Cybersecurity Fundamentals - [Link](#) | Apr 2024
 - Foundations: Data, Data, Everywhere - [Link](#) | Apr 2024
 - Mobile App Development Course - [Link](#) | Apr 2023