

MAXIMILIANO HERNANDEZ CASTILLO

Software Engineer | Full Stack Developer

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📍 Monterrey, Nuevo León, México

PROFILE

Experienced software engineer from Monterrey, Mexico, with over 3 years of expertise in web development. Proficient in Python and JavaScript with a strong ability to transform business requirements into effective software solutions. Extensive experience with Linux systems and hands-on knowledge of graphical user interface design and development.

EXPERIENCE

Software Engineer / Front-End Developer

Wizeline — Jan 2022 - Jul 2022

- Focused on front-end development for e-commerce websites, collaborating with cross-functional teams using **Agile methodologies (Scrum)**.
- Refined front-end expertise by mastering tools like **TypeScript** and adopting industry best practices such as **Test-Driven Development (TDD)** and **SOLID principles**.
- Contributed to high-quality codebases through adherence to clean coding standards and collaborative problem-solving with highly skilled professionals.
- Gained hands-on experience in building scalable, user-friendly interfaces that align with business goals and customer needs.

🔗 <https://www.wizeline.com/>

Full Stack Software Engineer

Crea Libre / Evient — Jun 2017 - Jul 2019

- **Back-End Development** : Built RESTful APIs using Django, optimized SQL queries, and improved database schemas for enhanced performance.
- **Backend Features** : Implemented WebSocket communication, Firebase push notifications, and scheduled background processes for data maintenance.
- **Front-End Development** : Developed static websites using HTML, CSS, and JavaScript, later transitioning to modern frameworks like React, Redux, and Bootstrap to meet project deadlines.
- **Technology Adoption** : Quickly gained Proficient in Node.js for building scalable applications, with hands-on experience using AWS and Heroku for basic deployment and configuration needs.
- **Collaboration** : Worked across full-stack development, contributing to both backend and frontend tasks while adhering to best practices and addressing tight deadlines.

🔗 <https://evient.mx/>

EDUCATION

Bachelor's degree, Software Engineering

University of Nuevo León (UANL) — Aug 2009 - Jan 2015

🌐 <https://www.uanl.mx/>

CERTIFICATIONS

Graphic Design Specialization

Coursera — Aug 2021

🌐 <https://www.coursera.org/ac...>

Machine Learning

Coursera — Dec 2020

🌐 <https://www.coursera.org/ac...>

SKILLS

Backend Development

Python, Node.js, Flask, Django, Express, SQL, PostgreSQL, MySQL, SQLite, Jenkins, Linux, Bash

Level: **Advanced**



Frontend Development

HTML, CSS (LESS / SCSS), Tailwind, JavaScript, Node.js, React, Redux, Jotai, Next.js, Electron

Level: **Expert**



Software Engineering Foundations

Algorithms, Data Structures, OOP, SOLID, Functional Programming, Network Protocols, Network Architecture, Security, Information Systems, Embedded Systems

Level: **Advanced**



UX/UI Design

Fundamentals, Figma, Inkscape, Vectornator, Gimp

Level: **Intermediate**



LANGUAGES

English

Fluency: **Advanced**



Spanish

Fluency: **Native**

