

Armando Valdez

SOFTWARE ENGINEER



PORTFOLIO
WEB

PROFESSIONAL SUMMARY

I am a software engineer with experience developing full stack solutions tailored to diverse business needs. I have built and maintained web and mobile applications for legal case management, digital signature systems, asset tracking, educational platforms, and enterprise project control. I thrive in collaborative environments and enjoy transforming complex requirements into efficient and scalable software using modern technologies like Laravel, Vue, Angular, .NET, and Docker.

Email:

armandovaldez.software@gmail.com

Github:

JArmandoV

Linkedin:

armando-valdez

EDUCATION

Bachelor of Computer Science | 2019-2023

Tec de Monterrey

- Relevant Coursework: Data Structures and Algorithms, Software Engineering, Web Development, Mobile Application Development, Databases, Computer Architecture, Artificial Intelligence, Machine Learning, Cloud Computing, Embedded Systems, Innovation and Entrepreneurship
- GPA: 3.8/4.0

PROJECTS

Z-EMS (Enterprise Management System)

Zen Data, 2024 - 2025

- Designed and developed an integrated enterprise management system to handle the full lifecycle of industrial projects and services—from initial quotation requests to execution, completion, and billing.
- Built modules for customer management, cost estimation, and service quotations with integration to OPUS (construction costing software) and Dolibarr ERP.
- Developed planning tools for project execution, revenue tracking, expense logging, and profitability analysis.
- Streamlined operations by centralizing project workflows, reducing manual tasks, and improving financial visibility for industrial service providers.

SIAD (Internal Document Administration System)

ISSSTESON, 2023 - 2024

- Led the development of a secure web-based platform for digital document certification and electronic signatures within the ISSSTESON institute.
- Integrated with EJBCA to generate employee-specific digital certificates for internal document validation.
- Developed a .NET Core Web API to manage signature workflows, automated signing, and multi-party signature requests.
- Ensured full compatibility with Adobe digital signature validation standards, enabling cost and time savings across departments.
- Improved traceability, reduced paper usage, and enhanced legal security in institutional communication.