

Daniel Paul Romero Marti

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Summary

A highly driven software engineer with 7 years of expertise in leading cross-functional teams to deliver high-quality, custom-tailored software applications that meet diverse client needs. Proven track record in driving project success through effective management, strategic planning, and hands-on technical leadership. Skilled in all phases of the software development lifecycle, from requirement gathering and system design to implementation and deployment. Committed to maintaining high standards of code quality and delivering scalable solutions that exceed client expectations.

Skills

PHP | Laravel | Typescript | Angular | Ionic | Javascript | Alpine.js | jQuery | HTML | CSS | Bootstrap | Tailwindcss
SQL | MySQL | PostgreSQL | NoSQL | Firebase | AWS | CI/CD | Capacitor | Docker | Git | Scrum | Trello.

Experience

GUIMEA WEB AND TECHNOLOGY—San Luis Potosí, México

October/2017 – June/2024

Tech Lead - Full Time.

System requirements analysis, system design, creation of product backlog, full-stack development, collaboration with stakeholders to align technical efforts with business goals and production system deployments for tailored software.

- Involved in the development of 132 systems, coding many of them, using Laravel, Angular and Ionic with SQL and NoSQL databases.
- Collaborated daily with cross-functional teams, such as design, marketing and stakeholders, ensuring alignment with the client's requirements and project goals.
- In charge of gathering client's software requirements, system and database design, infrastructure setup and deployment.
- Led a team of software engineers, overseeing code reviews and providing feedback to maintain code quality and enforce best practices, growing the development team from 2 to 12 people.
- Implemented development guidelines, reducing errors occurred in clients presentations by 50%.
- Established CI/CD pipelines, handling automatic code deployment to AWS EC2 servers, allowing customers immediate access to feature, staging and production branches.
- In charge of an average of 13 simultaneous projects, including landing pages, business pages, mobile applications, API's, PIM's and ERP's with different stakeholders each.
- Resolved complex technical issues and roadblocks, making informed decisions on trade-offs and problem-solving approaches to keep projects on track.
- Developed an API in Laravel with a website in Angular and a mobile app in Ionic, used for compliance with Mexican government audits. handling mathematical equations used in calculations for pressure vessels, generating automated audit reports with 2d models and graphics, enabling the client to complete 4 months worth of work in 2 weeks, increasing their work capacity by 700%.
- Developed the backend and SQL database in Laravel for a PIM that handled 54,000 products from 7 different providers, decoding XML, CSV and JSON files to feed the database, as well as integrating product deployment to 3 marketplaces via scheduled tasks, completely automating the process of handling products and inventories in the marketplaces.
- Developed a full stack survey platform in Laravel and Angular used for psychological research for the EGADE and the University of Turku, allowing the creation of questions linked to identifiers, as well as the scheduling of surveys that generated real time comparative result graphs between teams and groups, obtaining the best innovation strategy award by the Association of MBA's.
- Developed a mobile app in Ionic and Capacitor to serve as a UI for a proprietary automotive wiring harness tester built with an Arduino, developing native Android plugins for USB and USB connection using SLIP.

- 3 days of the week were spent handling operations and coding, and 2 days of the week were spent in meetings with stakeholders, communicating technical concepts and project updates, ensuring both parties adhered to the development schedule, while facilitating communication between the development team and the client.

WEASELSOFT—San Luis Potosí, México

July/2016 – September/2017

Full Stack Developer - Part time.

Development and maintenance of customized software solutions, working closely with senior engineers and stakeholders to implement features and resolve issues

- Collaborated with senior engineers to design, develop, and maintain tailored software solutions, contributing to various project phases.
- Debugged and resolved software issues, implementing fixes and enhancements to improve functionality and performance.
- Gained experience with version control systems like Git to manage code changes and collaborate with team members effectively.
- Engaged in continuous learning and development to stay updated with industry trends and emerging technologies relevant to software engineering.

Education

Bachelor in Computer Science (BScCS)

Universidad Autónoma de San Luis Potosí | San Luis Potosí, SLP, México

July/2011 – March/2017

Bachelor in Information Systems (BScIS)

City University of Seattle | Seattle, Washington, USA

July/2014 – June/2016

Additional Information

Work Authorization: USA and México (I have dual citizenship).

Languages: English (native), Spanish (native)