

Carlos Alvarez

Senior Software Engineer | Magento & PHP Specialist

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Professional Summary

Results-driven **Software Engineer** with 10+ years of experience in **web development**, specializing in **Magento** and **PHP**. Proven ability to deliver high-quality eCommerce solutions, optimize workflows, and lead development projects. Skilled in **ERP integrations**, **API development**, and **full-stack architecture**. Committed to continuous learning and staying current with industry trends. Excited to contribute expertise to a dynamic engineering team.

Work Experience

Software Engineer | Material Bank – Boca Raton, FL

Nov 2021 – Jul 2025

- Led full-stack development for a Magento eCommerce platform, delivering new features, critical bug fixes, and robust third-party API integrations.
- Served as Lead Developer for strategic international expansion, overseeing Magento implementation for the Japanese market.
- Architected and developed complete Magento modules and custom features from concept through deployment.
- Ensured high availability and seamless production deployments through automated CI/CD pipelines and proactive issue management.
- Collaborated cross-functionally with QA, design, and business teams to align technical outcomes with business goals.

Magento Developer | iRocker SUP – Jacksonville, FL

Apr 2021 – Nov 2021

- Developed and maintained Magento-based websites to ensure optimal performance and functionality.
- Integrated third-party extensions, plugins, and custom modules tailored to business needs.
- Implemented custom shipping and tax rules based on regional requirements.
- Enhanced website search performance using Elasticsearch and Magento's native search tuning.
- Participated in Agile/Scrum ceremonies and contributed to sprint planning, stand-ups, and retrospectives.

Software Developer | Intuitive Reason – Jacksonville, FL

Jan 2019 – Mar 2021

- Built and optimized Magento stores and backend systems using **Symfony**.
- Integrated with **NetSuite** and **Prophet21** ERPs, and implemented **TaxJar** for tax automation.

- Contributed to system stability and scalability through efficient code design and database optimization.
- Stack: PHP, JavaScript, Symfony, MySQL, jQuery, Magento 1 & 2.

Web Development Manager | Grupo Peña Defilló – Santo Domingo

Jul 2015 – Dec 2017

- Led development of internal tools for managing tickets and supplier billing.
- Oversaw maintenance and upgrades for company web applications.
- Stack: PHP, CodeIgniter, MySQL, jQuery.

Embedded Firmware Developer | ESC Group – Santo Domingo

Jan 2012 – Jul 2013

- Designed and tested firmware for smart lighting systems.
- Developed communication protocols using RS-485 on Freescale microcontrollers.
- Stack: C, CodeWarrior Eclipse IDE, RS-485.

Education

Bachelor's in Software Engineering

UNAPEC – Santo Domingo | Jan 2015 – Apr 2018

Associate in Mechatronics

ITLA – La Caleta | Jan 2009 – Jul 2013

High School Diploma in Informatics

Polytechnic High School Maria del Altagracia – Santo Domingo | Aug 2004 – May 2008

Skills

Languages & Frameworks: PHP, Magento 2, JavaScript, Vue.js, Symfony, CodeIgniter, Lumen, jQuery, REST APIs

Databases & Tools: MySQL, SQL, Git, Jira, Linux, Elasticsearch

Methodologies: Agile, Scrum, CI/CD, Software Development Lifecycle (SDLC)

Other: E-Commerce, ERP Integration, Debugging, Microcontrollers

Certifications

Adobe Certified Professional – Adobe Commerce Developer

Valid: Nov 2024 – Nov 2026

Verify Credential: <https://certification.adobe.com/credential/verify/f506e20a-2070-4284-aa80-ef71bc27fbac>

Languages

- **English:** Fluent
- **Spanish:** Native

Additional Information

Authorized to work in the U.S. for any employer.
Available for remote, hybrid or on-site roles.
