

Víctor Alonso

Senior Software Engineer · Android, FullStack & Technical SEO

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Professional Profile

Senior Software Engineer with 15+ years of experience in native Android, FullStack development, automation, and technical SEO. Specialized in solving complex production issues, optimizing mobile/web performance, and integrating critical systems. I combine development, consulting, and technical teaching with a strong business vision.

Technical Skills

- **Mobile:** Android SDK, Kotlin, Java, Gradle, Firebase, Play Console, MVVM, Room, Retrofit, Jetpack Compose.
- **Backend & Web:** PHP, Laravel, WordPress, WooCommerce, Magento, MySQL, REST APIs, HTML/CSS, Bootstrap, JavaScript, React, Python.
- **Technical SEO & WPO:** Core Web Vitals, Search Console, PageSpeed Insights, Schema.org, Indexability, Log Analysis, Crawl Budget, WPO.
- **DevOps & Tools:** Git, GitHub, Bitbucket, Linux, HestiaCP, cPanel, Apache, AWS basics, Composer, NPM.
- **Automation & Data:** Web Scraping, Python, external APIs, CSV/JSON, custom analytics dashboards.

Selected Projects

- **Android Apps on Google Play Store:** Native mobile development (Kotlin/Java) and MVVM architecture, published on my **Google Play Developer Profile**. Featured app: **Precio Gasolineras España** (+1000 downloads, Room DB, background pricing synchronization services).
- **Custom PHP/Laravel Web Solutions:** Built custom backend extensions, API integrations, and checkout logic for automated synchronization of e-commerce databases with payment and external services integration.
- **Web Performance Optimization (WPO):** Speed audits and code refactoring on production WordPress and WooCommerce sites, reaching perfect scores of up to 100/100 in Google Lighthouse, and optimizing indexability budgets.
- **Analytics & Scraping Robots:** Developed custom Python crawlers for indexing health verification, massive log parsing, and automated performance tracking.

Professional Experience

Walkiria Apps

August 2015 – Present

FullStack Developer & Technical SEO Consultant (Freelance)

Professional mobile engineering, WPO consulting, custom web development, and search engine optimization services for various industry clients.

- **GdBodas.net:** Full-stack development and infrastructure setup for the musical events portal.
- **Artroscopia Albacete:** Designed and maintained a custom medical site optimized for local SEO speed and discoverability.
- **Candelas y Felipa:** E-commerce storefront built on Magento with custom modules and advanced technical maintenance.
- Built WordPress plugins, managed servers, and conducted advanced speed optimization audits (Lighthouse up to 100/100).

Bandoki Apps Studio

March 2016 – Present

Co-Founder & Android Developer

Technical mobile director and architecture of multiple native apps, integrating REST APIs and local database persistence.

Salumedia

July 2018 – March 2020

Senior Software Development Engineer

Full-stack software engineering with a primary focus on mobile: Java/Kotlin native Android development, backend REST APIs (PHP Slim), AWS hosting, and MQTT protocol integration for real-time IoT devices.

Ontic Soluciones

December 2012 – August 2015

Android, PHP & Magento Developer

Developed native Android applications and hybrid PhoneGap products. Built Magento e-commerce storefronts with custom modules and advanced technical maintenance in PHP.

ALTEN / Prisa Digital

August 2012 – December 2012

Android Developer RnD

Android development and R&D engineering for the digital applications suite of the Prisa Publishing Group in Madrid.

appslab

March 2011 – August 2012

Android Developer & Sysadmin

Native Android developer and Linux web server administrator via cPanel.

Ontic Soluciones

September 2010 – December 2010

Programmer

Developed native Android features and data optimization algorithms.

Education & Teaching

University of Castilla-La Mancha

UCLM

B.S. in Computer Engineering

Official degree from the Superior School of Computer Engineering of Albacete. Includes academic exchanges/stays at Fachhochschule Trier (Germany) and the Faculty of Computer Science of the University of Granada.

University of Castilla-La Mancha (UCLM)

Feb 2025 – Jun 2025 / Feb 2026 – Mar 2026

Substitute Lecturer & Guest Speaker

Academic lecturer at the Superior School of Computer Science (Albacete campus), teaching courses in the Computer Science Degree, including: *Programming Methodology, Databases, and Knowledge-Based Systems*.

Android & Java SE Trainer

January 2018 – Present

Freelance Technical Instructor

Designed syllabus and taught corporate courses (including a 300-hour Java & Android training program for Telefónica). Academically mentored multiple Master's Thesis (TFM) projects centered on mobile technologies.

Languages

- **Spanish:** Native.
- **English:** B2 Certified.
- **German:** B2 Certified.