# Deivis José Rodríguez Ortiz

Full Stack Developer | Java · Node.js · PHP | Angular · React · Vue

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Available for 100% remote work

## Professional Summary

Full Stack Developer (Java, Node.js and PHP on the backend; Angular, React and Vue on the frontend) with 15+ years of experience building products end to end, from the data model and APIs to the user interface. At AJAW I develop AJAW MRP, a multi-tenant SaaS ERP/MRP/CRM on Axelor (Java, XML, PostgreSQL) used by 11 companies, and AJAW Data AI, a prospecting platform with AI agents (Angular, OpenAI, Gemini, Twilio, Stripe, n8n). Previous experience with PHP/Laravel, Node.js/Express, React and Vue on projects for different clients. I work in remote teams using Scrum, Jira, Git and Docker.

**Keywords:** Java, Axelor, Spring Boot, Angular, TypeScript, Node.js, Express, PHP, Laravel, React, Vue, PostgreSQL, MySQL, MongoDB, REST APIs

## Technical Skills

- **Backend:** Java (10 yrs), Axelor Open Suite/Platform (3 yrs), Spring Boot (4 yrs), JPA/Hibernate, PHP (10 yrs), Laravel (4 yrs), CakePHP (3 yrs), Node.js/Express (4 yrs), Python (1 yr), Django (1 yr), REST APIs
- **Frontend:** JavaScript ES6+ (10+ yrs), TypeScript (2 yrs), Angular (5 yrs), React (3 yrs), Vue (2 yrs), RxJS, state management (Redux, RxJS services), HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery, Flutter (1 yr)
- **Databases:** PostgreSQL (4 yrs), MySQL (10 yrs), MongoDB (2 yrs), SQLite, Firebase, SQL, data modeling
- **AI and integrations:** OpenAI API, Gemini API, n8n (1 yr), ElevenLabs, Twilio, Stripe, RevenueCat, Chatwoot, Google Maps Platform
- **Tools and DevOps:** Git/GitHub and GitFlow (5 yrs), Docker (1 yr, basic), AWS (basic), Linux, Gradle, Maven, npm, Bitbucket Pipelines
- **Testing:** Unit testing with JUnit, Jest and Vitest (2 yrs)
- **Methodologies:** Scrum (5 yrs), Jira (3 yrs), OOP, SOLID principles, design patterns, Clean Code, MVC, requirements analysis, technical documentation

## Professional Experience

**Full Stack Developer** — Oct 2023 – Present
AJAW — *Remote*

- Full stack development of AJAW MRP, a multi-tenant SaaS ERP/MRP/CRM on Axelor Open Suite 7 (Java 11, XML, JPA/Hibernate, PostgreSQL), used by 11 manufacturing companies, as part of a 6-developer team.
- Designed and built 20 new modules (production, shop floor control, quality, product design, inventory, executive reports, occupational health and safety) and customized standard Axelor modules (CRM, sales, purchasing, stock, manufacturing).
- Optimized processes, queries and views, improving ERP service performance by 25% and user experience by 30%, according to the main client's metrics.
- Built AJAW Data AI, a B2B prospecting SaaS platform with AI agents: Angular 18 frontend (standalone components, RxJS, lazy loading, 12 languages, Chart.js, PDF/Excel export) and a Prospecting AI backend module on Axelor.
- Integrated external services: OpenAI, Gemini, ElevenLabs (voice), Twilio (calls and SMS), Stripe (payments and plans), Chatwoot (WhatsApp and Instagram) and n8n workflows.
- Built an Angular dashboard and a Node.js/Express API on SQLite to monitor in real time (Server-Sent Events) the scraping of 35 public sources in 18 countries (about 18 million records), plus a Python pipeline that enriches and validates CSV files with web search and an LLM, with checkpoints and change auditing.
- Sole developer of Pet MD (Apr–Jul 2026), a cross-platform pet health mobile app built with Flutter, Firebase, OpenAI GPT-4o (vision), Google Maps Platform and in-app purchases with RevenueCat.

**Full Stack Developer** — Jan 2022 – Dec 2023
Datasistemas — *Montería, Colombia (hybrid)*

- Developed and maintained several web applications for clients, using PHP (Laravel, CakePHP) and Node.js/Express on the backend, and Vue, React and JavaScript/jQuery on the frontend.
- Designed REST APIs and data models in MySQL and MongoDB.
- Built responsive, reusable interfaces with unit tests in Jest and Vitest.

**Full Stack Developer (freelance)** — Jan 2022 – Sep 2023
Upwork — *Remote*

- Short assignment-based projects for different clients: building, fixing and improving full stack web features with Java, Node.js and PHP on the backend and Angular, React and Vue on the frontend.

**Frontend Developer (part-time)** Jan 2021 – Dec 2021
Conocimiento Corporativo *Medellín, Colombia (remote)*

- Developed Angular interfaces and modules and Microsoft Power Apps business applications on a task-assignment basis.

**Java Developer (freelance)** Jan 2020 – Dec 2020
Camu San Pelayo *Córdoba, Colombia (remote)*

- Built AppControl, a custom desktop application for the pharmacy's inventory, purchasing, sales and suppliers, using Java (Swing), SQLite, JDBC and JasperReports.

**Freelance Software Developer** Jan 2016 – Dec 2019
Independent projects (freelance) *Montería and Cereté, Colombia*

- Custom web systems for clients: Acadis (academic management), Centro Médico ADSI, JP Vinos (sales and inventory) and a library system, built with PHP (CakePHP, Laravel), MySQL, JavaScript/jQuery and Bootstrap.
- For the University of Córdoba: the Relieve Estructural multimedia application and the GeoTes thesaurus (Geography Department, 2016), plus the Egresados, Ceres, Cedes, Sonar and CREAA systems.

**Web Developer and Research Assistant** Nov 2004 – Nov 2015
University of Córdoba – SOCRATES Research Group *Montería, Colombia*

- Analyzed, built and deployed university information systems: SAPA (self-assessment for program accreditation, with a statistical model and 9 user types), AVES (virtual higher-education environment), a learning-object repository and SIGAP (project management, Delphi).
- Built the EnLaU academic social network (Colciencias Young Researchers project 2011–2012 and internal project 2013–2014).
- Stack: Java, PHP (CakePHP and, from 2014, Laravel), MySQL, JavaScript/jQuery, AJAX, Moodle and Delphi. Co-author of 3 technical papers about the systems built.

**Web Developer (part-time)** Jan 2010 – Oct 2013
Datasistemas *Montería, Colombia*

- Built DatasisWeb, an academic management platform for schools (enrollment, grades, report cards, schedules, PDF reports) with PHP/CakePHP, MySQL and jQuery; trained end users.

**Earlier Experience:** LFM S.A.S., Bogotá (remote), web developer, Moodle/PHP virtual office (2011) · Com Center, Montería, website developer (2009–2010) · ATR Software, Montería, developer, Montería Chamber of Commerce website (2005–2008) · VAEstudio Multimedia Lab, Montería, web developer (2005–2006) · FOADECOR, systems team developer (2005–2006) · Montería Chamber of Commerce, web developer (2004–2005). Part-time contracts.

**Complementary experience:** Training developers in programming and software development, alongside development work (University of Córdoba, San Martín University Foundation, Misión TIC 2022, the Colombian ICT Ministry program to train 100,000 programmers, with UNAB and University of Caldas), 2009–2022.

## Education

- B.Sc. in Systems Engineering – University of Cartagena, 2017
- Postgraduate Specialization in Informatics and Telematics – Área Andina University Foundation, 2010
- Technologist in Information Systems Analysis and Development – SENA, 2020
- **Other studies:** M.Sc. in Educational Technology Management (UDES, 2015) · Postgraduate Specialization in Educational Informatics Administration (UDES, 2013) · B.Ed. in Informatics and Audiovisual Media (University of Córdoba, 2008).

## Courses and Certifications

Java Standard Programming – Fundación Telefónica, 2023 (40 h) · JavaScript Programming – Fundación Telefónica, 2023 (40 h) · Discover the AWS Cloud – UBits, 2023 · Web and Mobile Development with HTML5, CSS3 and jQuery – MinTIC (Colombia), 2013

**Languages:** Spanish: native · English: basic, technical (reading documentation and technical writing)