

Pablo Antonio Rodriguez Rubio

Software Engineer/ DevRel Evangelist

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Full-stack Software Engineer with over 10 years of experience in Scala and DevOps, now transitioning into Developer Relations.

Experience

Software Engineer N-SIDE 2021 - 2026

- **Full-Stack Development:** Maintain and develop reactive, asynchronous applications using Scala, ScalaJs, and Postgres.
- **Technical Advocacy & Demos:** Responsible for presenting new software developments to the department and creating internal guides and implementation strategies.
- **Developer Support:** Act as the primary technical contact for clients and consultants, diagnosing production issues and providing clear technical explanations to resolve misunderstandings.
- **Automation & DevOps:** Managed AWS infrastructure and GitLab CI/CD pipelines using Python, Bash, and Argo.
- **Team Facilitation:** Serve as Kanban Lead, managing daily standups and resolving blockers to ensure consistent task progression.

Software Engineer Noesis Solutions 2017 - 2021

- **Full-Stack Development:** Developed a new software product for the Process Integration and Design Optimization (PIDO) engineering sector.
- **Technical Documentation & Advocacy:** Documented all new software developments in the project's wiki, providing clear technical explanations for both users and developers.
- **Feature Demos & Feedback:** Presented new features to the department to gather feedback for product improvement.
- **Data Visualization:** Improved a specialized tool designed to handle and visualize datasets of hundreds of thousands of data points.

Freelance Software Developer Remote / Granada, Spain 2015 - 2017

- **End-to-End Mobile Development:** Developed cross-platform mobile applications for iOS and Android from scratch using the Ionic framework.
- **Full-Stack Architecture:** Designed and implemented backend services and REST APIs to support real-time mobile features, including GPS tracking for a transit application.

Software Engineer (Research & Development) Universidad De Granada (DECSAI) 2016 - 2016

- Joined the Department of Computer Science and Artificial Intelligence to develop a fuzzy model to enhance user profiles in microblogging sites using deep relations.
- Utilized Java, JSP, and MySQL for data modeling and implementation.

Education

Universidad de Granada Granada, Spain

B.Eng. in Computer Engineering 2010 - 2015

- Focused on computer architecture and systems security.
- **Final Project:** Developed a complete real-time bus tracking system, including the Hybrid Android/iOS mobile applications and supporting backend infrastructure.

Personal Projects

- P1 **Beyond the Bytecode: Solving OWASP UnCrackable L1 with Guardsquare Tools** *Technical Video & Documentation*
- Created a step-by-step guide on bypassing root detection and decrypting AES-256 secrets in Android apps using ProGuard Assembler.
 - [YouTube video](#) | [Link to GitHub Repository](#)
- P2 **Movie Kombat: React + TypeScript Tournament App** *Full-Stack Web Development & API Integration*
- Built an interactive movie bracket app using **React 19, TypeScript, and Tailwind CSS v4**.
 - Integrated multiple third-party APIs (OMDb & TMDB) for global search and discovery.
 - [Link to GitHub Repository](#) | [Live App](#)
- P3 **Fake Tinder: Progressive Web App (PWA) Experiment** *Mobile Web Development & Social Engineering Concept*
- Developed a prank-oriented PWA that mimics native app installation on iOS/Android via web manifests.
 - [Link to GitHub Repository](#)
- P4 **Technical Documentation & Learning Resources** *Educational Content Creation & Knowledge Sharing*
- Created comprehensive documentation repositories covering modern development technologies and frameworks.
 - **Scala & Reactive Systems:** Documented advanced Scala concepts and Akka framework fundamentals for distributed systems ([Rock the JVM - Scala](#) | [Akka Essentials](#))
 - **Java & ORM:** Technical notes on Hibernate framework covering entity mapping, transactions, and best practices ([Hibernate Course](#))
 - **Modern Frontend Stack:** React documentation with Vite and Tailwind CSS integration guides ([Vite + React + Tailwind](#) | [Learning React Guide](#))

Skills

Technical Stack:  Scala  Akka  Java  JavaScript  TypeScript  React  AWS  GitLab CI/CD
 PostgreSQL  MySQL

Content & Creative:  CapCut  OBS Studio  Synfig  Photopea  Confluence

Languages:  Spanish (Native)  English (Full Professional)  French (Professional)  Dutch (Elementary)