



RAÚL ÁLVAREZ HINOJOSA

HEAD OF AI ARCHITECTURE

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SKILLS

Languages:	PHP, SASS, Python, NodeJS, JavaScript
Frameworks:	Vue.js, React, Shadcn, OpenRouter, Symfony, NextJS
Databases:	MongoDB, Elasticsearch, Redis, MySQL, PostgreSQL
Technologies / Tools:	AWS, Docker, Jenkins, OCR, NLP, Computer Vision
Practices:	Scrum, CI/CD, AI Architecture, PSM I, Agile, Automated testing, Observability, RBAC

EXPERIENCE

Aircury Sep 2025 – Present

Head of Artificial Intelligence · Granada, Andalusia, Spain

- Architected and deployed an AI-driven Reading assessment platform utilizing OpenRouter and Symfony, integrated with Smartgrade to automate reading assessments.
- Developed consolidated feedback dashboards and standardized grading logic, resulting in a significant reduction in manual grading time and higher evaluation consistency for educators.
- Directed the AI-native product architecture for EdTech solutions, driving a measurable increase in educator productivity and platform scalability.

Aircury May 2022 – Sep 2025

Team Lead · Granada, Andalusia, Spain

- Orchestrated cross-functional delivery teams using Scrum, translating complex business requirements into prioritized roadmaps and high-frequency release cycles.
- Engineered a secure custody platform for law enforcement operations featuring RBAC, multi-signature protocols, and hybrid on-chain/off-chain auditing for full traceability.
- Spearheaded the modernization of legacy infrastructure via CI/CD pipelines, automated testing, and comprehensive observability, laying the technical foundation for the subsequent creation of the AI department.

Chess24 Apr 2020 – May 2022

Full Stack Engineer · Granada, Andalusia, Spain

- Contributed to a high-performance multidisciplinary team, managing the maintenance and incremental modernization of critical backend services.
- Standardized engineering practices and code quality across the stack, leveraging Vue.js, React, and SASS for frontend, and MongoDB, Elasticsearch, and Redis for data persistence.
- Optimized DevOps workflows using AWS and Docker for containerization, implementing Jenkins-based CI/CD and automated testing within an Agile/Scrum framework.

ByBubbly AS Sep 2015 – Apr 2020

Full Stack Engineer · Oslo, Norway

- Owned the full software lifecycle, including iOS mobile development, PHP/MySQL backend architecture, and AngularJS frontend for industrial machine management.

- Pioneered the adoption of Scrum methodologies company-wide, establishing agile delivery cadences and improving team velocity.

EDUCATION

Universidad de Granada

2012 – 2015

B.E. Computer Engineering, Computer Engineering

LANGUAGES

English: C2