

# Albert Hernández Pellicer

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*More than 5 years of experience as a Backend Software Engineer. Working with product teams focused on the end customer as well as platform teams. I am also a content creator, where I combine my passion for teaching with programming.*

## EXPERIENCE

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### Edpuzzle

Senior Software Engineer

**Valencia, Spain**

May 2024–Today

- Developed an education platform used by millions of teachers and students worldwide, incorporating high-performance systems that handle over 300 million requests per day.
- Improved code quality and reliability by applying testing strategies and design patterns such as CQRS, Event-Driven Architecture, and Feature Flags. Utilized Hexagonal Architecture and Domain-Driven Design (DDD).
- Created search and recommendation systems enabling teachers to discover new materials for their students according to their profiles and preferences.

### CoverWallet, an Aon company

Senior Software Engineer

**Valencia, Spain**

October 2019–May 2024

- Improved code reusability and consistency by creating internal libraries, making them independent of any specific framework, so that all microservices in the platform could utilize them.
- Enhanced customer-agent alignment in a scalable, multi-tenant platform by developing matching systems to allocate the most suitable agent based on customer profiles.
- Created real-time communication by designing and implementing bridges between cloud systems like Google Cloud Platform and Salesforce, enabling event-based integration between both solutions.
- Improved software quality and reliability by integrating Feature Flag systems, Observability, Cloud Native Development, and Trunk-based development practices, enabling teams to deliver software more effectively.

## TECHNOLOGIES & TOOLS

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NodeJS · JavaScript · TypeScript · Express · Koa · NestJS · MongoDB · PostgreSQL · Redis · Datadog · Kubernetes · Google Cloud Platform · PubSub · Microservices · Github Actions · CircleCI · Domain-Driven Design

## EDUCATION

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### UPV UNIVERSITAT POLITÈCNICA DE VALÈNCIA

Computer Science

**Valencia, Spain**

2015-2019

## ADDITIONAL SKILLS

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- Web Development [Content Creator](#).
- Native in Spanish. Fluent in English with more than 5 years in an International Environment.