

Oriol Pujol Garcia

Backend Engineer - Payments, Fintech & SaaS Infrastructure

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Profile

Backend Engineer with 5+ years of experience building payment systems, backend services, and SaaS products. Experience across subscription platforms, fintech, and cloud-native architectures using Node.js, TypeScript, AWS, Azure, and .NET. Built production systems from scratch and worked on payment infrastructure handling millions of monthly transactions.

Experience

Viaplay Group - Software Engineer, Payments & Backend | Feb 2024 - Present

B2C subscription streaming platform - Remote

- Built payment workflows on event-driven microservices using Node.js and TypeScript, supporting millions of recurring and one-off transactions per month.
- Integrated and operated payment providers and billing systems covering recurring charges, renewals, retries, and failed-payment recovery.
- Worked across a large AWS microservice platform with CI/CD, Docker, infrastructure as code, and Splunk observability.

Miratech - Software Engineer, Fintech | Mar 2023 - Feb 2024

Debt management and payment processing for Spanish banking - Remote

- Developed debt management software for Spanish financial institutions using Next.js and .NET.
- Designed and implemented an instalment payment flow for debt recovery.
- Contributed to the migration from a monolith to event-driven services on Azure.

AdHumansoft - Software Engineer | Jan 2020 - Mar 2023

HR and workforce management software

- Migrated a legacy desktop workforce management system to a web platform using Next.js, NestJS, Node.js, and TypeScript.
- Redesigned database schemas on PostgreSQL and built a real-time biometric attendance system using WebSockets.
- Worked across frontend and backend during the product migration.

Selected Projects

Presence - School attendance platform | 2023 - Present

- Built and operate a school attendance platform used by 11 schools and 10,000+ students, with QR and biometric check-in, real-time updates, and parent notifications.
- Implemented GDPR-aware handling of minors' attendance and biometric data. Stack: Node.js, TypeScript, Next.js, MySQL, AWS.

FleetWatch - AI governance platform | 2026 - Present

- Built an AI governance platform focused on audit trails, decision timelines, human-in-the-loop approval, and compliance workflows for teams shipping AI systems.
- Stack: Node.js, TypeScript, Next.js, OpenTelemetry, AWS.

Technical Skills

Backend & Architecture Node.js, TypeScript, NestJS, .NET, REST APIs, event-driven services, microservices, system design

Payments Subscription billing, PSP integrations, recurring payments, instalments, retries, failed-payment recovery

Cloud & Data AWS, Azure, Docker, Terraform / Troposphere, CI/CD, PostgreSQL, MySQL, Databricks

Observability & Compliance Splunk, OpenTelemetry, audit trails, EU AI Act, GDPR

Languages Spanish and Catalan (native), English (full professional), Japanese (basic)