Casian Denis

SENIOR FULL-STACK & BACKEND ENGINEER | DISTRIBUTED SYSTEMS

Madrid, Spain · +34 614 127 511 · casiandenis97@gmail.com · linkedin.com/in/casiandenis · **thebitcrafters.com**

PROFESSIONAL SUMMARY

Full-Stack and Backend Engineer with 4+ years building distributed systems, Java 21 / Spring Boot backends, and event-driven microservices with Apache Kafka and Kubernetes. Proven impact in regulated banking (SWIFT payments and mobile micro-frontends serving 5M+ monthly users), high-concurrency ticketing (virtual queue for 200,000+ simultaneous users), and independent SaaS products.

WORK EXPERIENCE

Full-Stack Engineer — ING España & Portugal Madrid, Spain (Remote) | Jun 2025 – Present

SWIFT Payments & Retail Banking · Java 21, Spring Boot, Apache Kafka, Oracle, Kubernetes, Prometheus, Grafana, Web Components

- Engineer Java 21 and Spring Boot services across the SWIFT payment lifecycle (MT/MX, ISO 20022), covering message routing, transformation, validation, and settlement processing in a regulated banking environment.
- Modernise legacy banking components into event-driven microservices using Apache Kafka, Oracle, and Kubernetes, monitored with Prometheus and Grafana.
- Built a mobile micro-frontend from scratch with Web Components and led UX/UI improvements across ING's mobile banking app reaching **5M+ monthly users**.
- Facilitate Scrum ceremonies and coordinate cross-functional delivery as a certified **Professional Scrum Master I (PSM I)**.

Full-Stack Developer — Palco Ticketing Madrid, Spain (Remote) | Jul 2023 – Jun 2025

High-Demand Event Ticketing & Access Control · Java, Spring Framework, PostgreSQL, Redis, Docker, Kubernetes, Grafana

- Architected and delivered a distributed virtual queue supporting **200,000+ simultaneous users** during high-demand ticket drops, stabilising wait times and uptime under traffic spikes (Java, Spring, Redis, PostgreSQL, Kubernetes).
- Built a multi-role accreditation and access-control platform for the **Spanish Basketball Federation (FEB)** covering athletes, staff, press, and spectators, alongside international large-venue turnstile integrations.
- Engineered regulatory compliance and attendance-traceability integrations with Spanish government agencies (**ICAA** and **EDPlica**) for cultural and sporting events.
- Developed high-demand electronic invoicing integrations adapted to local tax regulations in **Argentina** and the **Dominican Republic** on containerised REST microservices (Docker, Kubernetes, Grafana).

Web Developer (Freelance) — Casian Web Solutions Madrid, Spain | Jun 2022 – Aug 2023

- Delivered custom web applications from requirements through production launch, analytics, and technical SEO for small businesses and startups.
- Built RESTful APIs and real-time chat with **Node.js, Express.js, MongoDB, and Socket.io**, encrypted auth with **PHP and MySQL**, and desktop tools with **Java Swing and JDBC**.

SELECTED INDEPENDENT PRODUCTS

FuelFlow | Java, Spring Boot, Next.js, TypeScript, MapLibre, Redis fuel.thebitcrafters.com

Real-time fuel price comparison across Spain and France (**11,000+ stations**) with region-based Redis caching, clustered MapLibre maps, route pricing, Telegram alerts, and programmatic SEO pages.

Pacto | Next.js, TypeScript, Playwright Chromium, Stripe contratos.thebitcrafters.com

Guided Spanish LegalTech contract builder (**12+ legal workflows**) featuring NIF/NIE/CIF check-digit validation, encrypted 7-day cookie drafts, server-side A4 PDF generation via Playwright Chromium, and Stripe checkout.

TECHNICAL SKILLS

Backend & Distributed Systems: Java 21, Spring Boot, Microservices, Event-Driven & Hexagonal Architecture, Apache Kafka, RabbitMQ, REST APIs, Node.js, Express.js, SWIFT MT/MX, ISO 20022

Data & Caching: PostgreSQL, Oracle, Redis, MySQL, MongoDB

Frontend & Mobile Web: React, Next.js, TypeScript, JavaScript, Vue.js, Web Components, HTML5, CSS3, SASS, MapLibre

Cloud, DevOps & Observability: Docker, Kubernetes, Azure DevOps, CI/CD Pipelines, Google Cloud, Linux, Prometheus, Grafana, ELK

Testing, Architecture & AI Workflows: JUnit, Mockito, Cucumber, Playwright (E2E), Design Patterns, Clean Code, Scrum (PSM I), agentic coding workflows (GitHub Copilot, Codex, Antigravity)

EDUCATION & CERTIFICATIONS

BSc in Computer Engineering — Universitat Oberta de Catalunya (UOC) Sep 2024 – Jun 2028 (In progress)

Higher Degree in Web Application Development (DAW) — IES Domenico Scarlatti Sep 2022 – Mar 2024

Certifications: Professional Scrum Master I (Scrum.org, 2026) · AI Literacy (ING / Hult Ashridge, 2026) · Observability Foundation (DevOps Institute, 2025) · Apache Kafka (2026) · Docker & Kubernetes (2026) · Playwright E2E (2026) · RabbitMQ with Java & Spring (2025) · Azure DevOps & CI/CD (2025) · Software Testing (Coursera, 2025)