

Oriol Subirana Perdiguier

+41 766 89 87 23 · oriolsubiranaperdiguier@gmail.com · oriolsubirana.dev

Zürich, Switzerland - Permit B

SOFTWARE ENGINEER

Senior Software Engineer with 10+ years of experience designing distributed systems, event-driven architectures, and cloud-native platforms in regulated and high-scale environments. Strong expertise in **Java/Kotlin, Spring Boot, Kafka, Kubernetes, DDD, CQRS, and microservices**. Proven track record building scalable backend systems, optimising performance and reliability, and delivering resilient platform architectures across fintech, healthcare, mobility, and retail sectors.

PROFESSIONAL EXPERIENCE

NatWest Group

Apr 2025 - Present

Senior Software Engineer (Contractor)

- Designing and developing cloud-native distributed systems for an enterprise internal AI platform in the banking sector
- Building scalable microservices and backend APIs using Java, Spring Boot, Kafka, PostgreSQL, Kubernetes, and AWS
- Applying event-driven architecture and asynchronous messaging patterns to support resilient and high-throughput workloads
- Improving CI/CD pipelines, deployment automation, and platform reliability through DevOps best practices
- Contributing to architectural decisions focused on scalability, maintainability, security, and operational resilience

Beyond Beauty Club

Sept 2023 - Apr 2025

Senior Software Engineer

- Led engineering of a distributed multi-country platform scaling to 20,000+ users across 11 countries within six months
- Designed scalable backend systems using Java, Spring, DDD, CQRS, asynchronous messaging (RabbitMQ), and event-driven architecture patterns
- Optimised database access, caching layers, and API performance to support high transaction throughput and low-latency operations
- Improved system reliability and observability through monitoring, proactive maintenance, and infrastructure optimisation
- Collaborated closely with product and engineering stakeholders to deliver scalable and resilient platform capabilities

WOW Concept

Jan 2023 - Sept 2023

Head of Engineering

- Owned engineering strategy, SDLC, and quality standards across teams
- Improved system reliability through proactive monitoring and platform upgrades
- Aligned product and engineering roadmaps across multiple initiatives

SEAT:CODE

Aug 2020 - Jan 2023

Engineering Manager

- Managed and mentored a multidisciplinary team of 12 engineers across backend and platform initiatives
- Led roadmap coordination between legacy systems and modern cloud-native platforms
- Designed microservices using Java and Kotlin, Spring Boot, DDD, Hexagonal Architecture, and asynchronous messaging (SQS & SNS)
- Participated in architecture and platform modernization initiatives focused on scalability and maintainability

Roche Diagnostics

May 2018 - Aug 2020

Senior Software Engineer

- Developed reliable backend systems for medical diagnostics software in a highly regulated environment
- Designed microservices using Java 12, Spring Boot, DDD, and Hexagonal Architecture
- Built containerised distributed services with strong focus on reliability, maintainability, and compliance
- Collaborated within cross-functional Scrum teams delivering high-quality healthcare software systems

Alemanya Informatica

Feb 2016 - May 2018

Senior Software Engineer

- Developed Java-based enterprise applications, collaborating with clients to gather requirements and deliver reliable, scalable solutions
- Built backend and frontend features using Java 8, Spring Boot, Spring MVC, Hibernate, and PostgreSQL, including prototyping and user training

SII Concatel

Mar 2015 - Feb 2016

Software Engineer

- Developed enterprise web applications using Java, Spring MVC, Hibernate, and Oracle
- Collaborated in a Scrum team delivering internal business tools

Accenture

Feb 2013 - Mar 2015

System Analyst

- Supported the financial risk team of Banc Sabadell with data processing and analysis.
- Worked with SQL Server, Oracle, C#, Java, and financial platforms (Adaptiv, Kondor+, KGL).
- Developed automations and tools to improve analytical workflows.

EDUCATION & CERTIFICATIONS

Professional Scrum Master

scrum.org/oriolsubirana

Master's in Computer Science

Universitat Oberta de Catalunya

Audiovisual Engineering

Universitat Politecnica de Catalunya

LANGUAGES

Spanish and Catalan

Native

English

Professional working proficiency

Deutsch

Beginner

CORE EXPERTISE

- Distributed Systems
- Event-Driven Architecture
- Microservices
- Java / Kotlin
- Spring Boot
- Kafka
- Kubernetes
- PostgreSQL
- CQRS / DDD
- REST APIs
- Cloud-Native Platforms
- CI/CD & DevOps
- Performance Optimisation
- High-Availability Systems
- Asynchronous Messaging
- Generative AI & RAG Architectures