



Alessandro Rossi

Senior Full Stack Engineer

Java · Spring Boot · Node.js · React · TypeScript · Software Architecture

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Backend-first, genuinely full stack. Building software since 2006, from business-critical Java platforms and legacy modernization to modern full-stack products. I work across backend, frontend and software architecture, with a focus on reliable systems, pragmatic engineering and turning complex requirements into software that works.

EXPERIENCE

SIAP Srl

October 2006 – Present

Senior Java / Full Stack Engineer

Trinità (Cuneo), Italy

BTM — Business Travel Management

Modern corporate travel management platform covering architecture, APIs, integrations, frontend and AI-assisted workflows.

Node.js · TypeScript · React · Next.js · PostgreSQL · Docker · REST APIs · Microservices · GDS / PNR integrations
AI-assisted workflows · CI/CD

UtiAtlantePlusApi

Modern Spring Boot API layer built to extend and support the AtlantePlus product.

Java 21 · Spring Boot · MySQL · Docker · REST APIs · Swagger / OpenAPI

DeliveryPlus

Enterprise platform for Italian electronic invoicing and document management workflows.

Java 11 · Spring · Hibernate · SQL Server · Thymeleaf

AtlantePlus

SIAP's main enterprise platform — a large Java EE codebase continuously developed and evolved over many years.

Java 8 · Servlet / JSP · JavaScript · jQuery · IBM DB2 · Tomcat · System integrations

SELECTED PROJECTS

Family OS

Mobile-first family app exploring how AI can help organize everyday life.

Stack: React · TypeScript · Node.js · PostgreSQL · OpenAI · Docker

Wordy

Mobile app for learning vocabulary through spaced repetition.

Backend: Java 11 · Spring Boot · PostgreSQL
Frontend: React Native
DevOps: Docker Compose

RuIN

Event management platform for discovering, creating and sharing local events.

Backend: Java 9 · Spring Boot · MySQL
Frontend: React · Material-UI
DevOps: Docker Compose

SKILLS

BACKEND

Java · Spring Boot · Hibernate / JPA · Spring Security · REST APIs · Microservices · Apache Kafka · Node.js

FRONTEND

React · Next.js · TypeScript · JavaScript · React Native · Tailwind CSS · HTML / CSS

DATA

PostgreSQL · MySQL · IBM DB2 · SQL Server · Oracle · MongoDB · Redis

DEVOPS & DELIVERY

Docker · Docker Compose · Linux · Git · Maven · Jenkins · Swagger / OpenAPI · CI/CD

ENGINEERING

Architecture · System design · API design · Performance · Reliability · Observability · Integration

AI

OpenAI API · AI-assisted workflows · AI-assisted development

LANGUAGES

Italian Native

English Fluent

Spanish Advanced

Ukrainian Conversational

Russian Depreected

EDUCATION

I.T.I.S. G. Vallauri

Computer Science and Programming
Fossano, Italy · 2001 – 2006

INTERESTS

Travel

Sport

Cinema

Books

Technology

AI

Psychology

Philosophy

Music

Nature