**Daniele Russo**

**Software Developer & Team Leader**

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**PROFESSIONAL SUMMARY**

Leveraging diverse experience in logistics, manufacturing, and catering, I transitioned into software development in 2009 after completing specialized training. My career spans both dynamic startup environments and established enterprises, providing a broad perspective on technological advancements and team collaboration. In recent years, I have specialized in microservices architecture, applying my expertise to guide and facilitate the migration from monolithic to microservices and event-driven systems.

I am proficient in managing the full software development lifecycle, from initial customer requirements gathering through development and ongoing maintenance. I also possess strong negotiation skills for establishing realistic deadlines with clients and internal teams. My development philosophy is grounded in SOLID principles and Test-Driven Development (TDD), which has frequently led to my involvement in refactoring and modernizing legacy codebases, primarily in Java and JavaScript. My recent adaptation to a fully remote work environment has further honed my self-management and continuous learning capabilities, allowing for sustained professional growth.

**EXPERIENCES**

One.O | Valencia, Spain | Hybrid

Backend developer | Apr 2024 – current

As a Backend Developer at One.O, I was responsible for the full software development lifecycle, from technical analysis and design to implementation and deployment. My work primarily involved developing robust backend solutions using Java with Spring Boot and Python, leveraging AWS native services for scalable cloud infrastructure. I utilized Terraform for infrastructure as code, ensuring efficient provisioning and management of resources.

My responsibilities included writing comprehensive unit and integration tests, conducting thorough code reviews, and participating in QA sessions to maintain high code quality and system reliability. I also played a key role in our CI/CD pipelines, integrating GitHub and GitHub Workflows to automate deployment processes. Data persistence was managed using MongoDB, supporting our dynamic application requirements.

Home | Lodi, Italy | Full remote

**Sabbatical & Personal Development | July 2023**

Focused on personal development, including advanced Spanish language acquisition, international travel, and strategic planning for upcoming career transitions

GFT Italy | Milan, Italy | Full remote

**Team leader |** Nov 2021 - July 2023

Led a distributed team focused on the development and maintenance of Java Spring Boot microservices within the banking industry. Spearheaded a critical initiative to significantly enhance legacy code quality, increasing test coverage from 0% to over 80% of existing production code to meet stringent client policy requirements.

My responsibilities included:

Guiding the team in implementing Test-Driven Development (TDD) methodologies using JUnit and Mockito.

Conducting comprehensive API testing with Postman to ensure robust functionality.

Managing version control workflows with Git and BitBucket, including thorough Pull Request reviews.

Mentoring junior developers, fostering their growth and technical proficiency.

Maintaining and optimizing CI/CD pipelines and monitoring application logs using Kibana and Splunk to ensure operational excellence.

Publicis Sapient | Milan, Italy | In office

**Web Content Manager** | June 2021 - July 2021

Managed web content for pirelli.com, with a primary focus on internationalization (i18n) of product descriptions across multi-language platforms. Collaborated with stakeholders to ensure content accuracy and timely seasonal updates.

Red Software Systems | Milan, Italy | Hybrid

**Team leader** | November 2020 - May 2021

In this role, I coordinated technical communication between the development team and the client's London headquarters to gather requirements and manage maintenance tickets.

I significantly optimized an existing Spring Batch application by applying Clean Code / SOLID principles and Test-Driven Development (TDD) with JUnit and Mockito.

This initiative, which included implementing loading automation for input files, successfully reduced execution time from 21 hours to under 6 hours on a critical software module.

My responsibilities also encompassed maintaining the CI/CD infrastructure using Jenkins and Docker, and provisioning AWS resources through Terraform and Ansible. I regularly utilized Git for version control, managing merges and pull requests to ensure code integrity and collaborative development.

Leroy Merlin | Milan, Italy | Hybrid

**Team leader** | March 2019 – July 2020

Led a team within the internal Digital Factory, where I facilitated communication between client stakeholders and a distributed development team (on-site and remote). Our focus was on enhancing critical in-store tools for client appointment management, e-commerce operations, employee shift scheduling, and time reporting.

In this role, I was actively involved in the development and improvement of solutions spanning web, Android, and backend platforms. I successfully increased technical documentation on GitLab repositories by 50%, significantly improving knowledge transfer and team efficiency. Additionally, I regularly participated in weekly Scrum meetings with offshore teams to prioritize backlog items and negotiate realistic project deadlines, ensuring alignment with business objectives.

The Lab | Turin, Italy | Hybrid

**Full stack and Cloud developer**| March 2017 – February 2019

In a fast-paced startup environment, often characterized by rapidly evolving requirements and an unfolding business vision, I played a pivotal role in defining and building a scalable cloud architecture. This architecture, leveraging AWS services including Lambda, API Gateway, and CloudFront, served as the robust backend for both web and mobile applications.

I collaborated extensively with mobile and web development teams to establish shared data models and microservices interfaces, ensuring seamless integration across Web, Android, and iOS platforms. Additionally, I automated the build and release lifecycle through CI/CD pipelines utilizing GitLab and Docker, significantly enhancing deployment efficiency and adaptability to changing priorities.

Tesisquare | Cuneo, Italy | In office

**Client Solutions Developer** | January 2015 – February 2017

As a Software Developer, I was responsible for the end-to-end analysis, development, release, and maintenance of custom requests for the TesiSCM product, developed with Adobe ColdFusion. I served as the primary technical point of contact for Tesi's client, Costa Crociere, directly managing the full lifecycle of customizations tailored to their fleet's specific operational needs. This role required significant autonomy and direct client engagement to ensure successful project delivery and client satisfaction.

Accenture Technology | Turin, Italy | In office

**Software analyst & Full stack developer**| March 2011 – February 2014

Analysis and development of custom requests on spare parts selling system.

Keeping in touch daily with the Brazilian IT branch of the client to keep track of CRs and maintenance tickets.

I was also acting as a bridge between the Italian maintenance team and the offshore development team in India, providing them with technical analysis and then testing their development as internal QA.

Great experience to improve my English and have a first contact with offshore teams.

Generali insurance | Turin, Italy | In office

**Software developer |** August 2010 - March 2011

After an internal learning period about COBOL and unix systems I was followed by senior programmers and moved my first steps in the programming world at a professional level.

Other experiences | Turin area, Italy | On site

**Early Career Roles (Cross-Industry)** | 2004 – 2009

My foundational career experiences, spanning roles such as SMD line controller, barman, warehouse operator, dimensional tester, and CNC operator, were instrumental in cultivating a robust understanding of diverse communication styles, operational workflows, and the critical importance of deadlines. While distinct from my software development journey, this varied background has provided me with a unique, real-world perspective. It enables me to approach complex IT challenges with a practical mindset, consistently bridging the gap between technical solutions and tangible business needs, and ensuring that developed software delivers genuine value.

**CORE COMPETENCIES**

* Java (Spring Boot, Spring batch, Java8+)
* Development Lifecycle (Git, Git-Flow, CI/CD, Docker, Jenkins)
* Testing (TDD, SOLID principles)
* Versioning and code reviews (Git, CI/CD).
* REST APIs (java, node.js)
* AWS (S3, Lambda, API Gateway, Cloudfront, Route53, EC2)
* Javascript (Node.js, Express.js, Typescript) for REST API development
* Databases: SQL (Oracle, MySql, PostgreSQL) and No-SQL ones (MongoDb, Firebase)

**EDUCATION**

**High school diploma – Electronics and Telecommunication**, ITIS Amaldi July 2004

**Java and Web developer,** Engim Piemonte July 2010

**SKILLS**

* I speak fluently English and Spanish (but I’m still absolutely Italian)
* Team player (everyone in the team should feel involved and welcome)
* Continuous learning: totally in love with Hyperskill now!
* Switching between different technologies is my super power.
* Experience in different environments, form huge corporate to micro startups (“*I've seen things you people wouldn't believe” cit.*)

**ACTIVITIES AND INTERESTS**

* Travel and explore.
* Reading a lot, from contemporary authors to scientific research.