Enrico Sasdelli

software developer, general specialist, motorbike enthusiast

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Profile

I am a software developer with over 15 years of experience, specialized in backend development, with strong skills also in DevOps and frontend.

I have worked mainly on enterprise projects based on Java and Oracle SQL, using technologies such as Java, Groovy, Grails, Spring, Hibernate, Vue.js, Jenkins, and Kubernetes. Over the years, I have developed a strong ability to deal with complex systems and legacy code, which I enjoy improving through targeted refactoring, with the goal of increasing readability, testability, and maintainability.

I place great emphasis on software quality; in a world increasingly oriented toward AI-aided development, it is important to maintain control over code architecture in order to produce well-organized systems that are easy to evolve.

I work with a long-term perspective; ultimately, I am good at building systems that are easy to extend and evolve over time.

In recent years, I have started sharing my experience by participating as a speaker at local developer conferences.

Work Experience

FULLSTACK SOFTWARE ENGINEER, MOTORK, MILAN – 2022-NOW

At MotorK, I contributed to improving the build/test/release pipelines: initially there were over 200 different pipelines spread across about 50 projects. I reduced them to a single pipeline, significantly simplifying the management of both new and existing projects.

I resolved most of the issues related to concurrency and transactions.

I successfully introduced Vue.js as the frontend technology to evolve an old legacy frontend based on GSP.

I contributed to the rewrite and substantial improvement of a core MotorK subsystem, achieving performance up to 100 times better while using only one tenth of the resources previously required.

SOFTWARE DEVELOPER/DEVOPS, R&D, GRUPPO FINMATICA, BOLOGNA – 2019-2022

I contribute to the automation of application provisioning and deployment across a fleet of more than 400 on-premise customers. I maintain, manage, and evolve over 20 internal products and libraries.

I serve as the technical point of reference within the Public Administration (PA) business unit.

I developed the internal CMDB for managing customer connections, using ReactJS, GraphQL, and Spring Boot.

SOFTWARE DEVELOPER, AREA SEGRETERIA, GRUPPO FINMATICA, BOLOGNA –2007-2019

I work on four projects with more than 120 different installations. I stand out as a strong Java developer and become a technical reference for development across the various teams I have worked with, making technical decisions that were later adopted in other parts of the company.

I contribute to the development of the company-wide Continuous Integration platform using Git, Jenkins, and Redmine.

INTERNSHIP, SMARTCARD SIGNATURE DRIVER, GRUPPO FINMATICA, BOLOGNA – 2006

I developed a Java applet callable from the browser to enable digital signatures directly from the web page. This same project is still in use today and represents one of the key components of Finmatica's software.

Studies

2006 – Bachelor's Degree in Computer Science (96/100) from the Faculty of Mathematical, Physical and Natural Sciences, University of Bologna

2003 – High School Diploma (94/100), Industrial Technical Expert in Electronics and Telecommunications, from the Salesian Technical Institute *Beata Vergine di San Luca*, Bologna

Technologies

Java, Oracle PL/SQL, Spring, Groovy, Grails, VueJS, Javascript, CSS, HTML, Linux, Docker, Jenkins, SVN, GIT, Redmine, Nexus, Gradle, Maven, Hibernate, Saltstack