

# European Curriculum Vitae



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**Desired employment / Occupational field** Technical Lead / Solution Architect / Scrum Master

**Software**

**Profile**

Technical Lead with over 12 years of experience in leading development teams and delivering enterprise software solutions. Specialized in Agile / Scrum methodologies and cloud-native architectures based on Kubernetes. Experienced in complex environments, particularly public sector projects in the justice domain, with responsibility for technical coordination, software quality, and delivery continuity.

**Certification** ago 2022 CKAD: Certified Kubernetes Application Developer

set 2023 Red Hat Sales Engineer Specialist - Cloud-Native Development

## Work experience

<b>Dates</b>	July 2021 - Present
<b>Occupation or position held</b>	Technical Lead & Scrum Master
<b>Main activities and responsibilities</b>	<ul style="list-style-type: none"><li>• Technical leadership and Scrum Master role on Public Administration projects, primarily within the Ministry of Justice (Justice domain)</li><li>• Coordination and management of development teams according to Agile / Scrum methodologies</li><li>• Planning, tracking, and monitoring of project activities through Jira (backlog management, sprint planning, issue tracking)</li><li>• Facilitation of Scrum ceremonies (Sprint Planning, Daily Scrum, Sprint Review, Retrospective)</li><li>• Design and development of microservices-based architectures using Java Spring Boot</li><li>• Containerization and deployment of applications on Kubernetes within Microsoft Azure environments</li><li>• Creation and management of reusable base Helm charts for Kubernetes deployments</li><li>• Service integration using Apache Camel</li><li>• Design and implementation of CI/CD pipelines using Tekton and ArgoCD</li><li>• Monitoring and operational management of Kubernetes clusters using Lens</li><li>• Source code versioning using Git, adopting the GitFlow workflow</li></ul>
<b>Name and address of employer</b>	Engineering S.p.A. – Piazzale dell'Agricoltura 24, 00144 Rome, Italy
<b>Dates</b>	January 2018 – June 2021
<b>Occupation or position held</b>	Solution Architect / Technical Lead
<b>Main activities and responsibilities</b>	<ul style="list-style-type: none"><li>• Design and governance of enterprise software architectures for complex customer environments</li><li>• Technical leadership in the analysis, design, and implementation of distributed systems</li><li>• Definition of application architectures based on Java EE / Spring ecosystem</li><li>• Coordination of development teams and supervision of technical activities</li><li>• Support to project planning and technical decision-making processes</li><li>• Integration of heterogeneous systems and services</li><li>• Collaboration with stakeholders to translate business requirements into technical solutions</li><li>• Contribution to architectural standards and best practices adoption</li></ul>
<b>Name and address of employer</b>	KDM Force L.t.d. - Via Cristoforo Colombo 115 - 00144 Rome, Italy

**Dates** September 2017 – August 2018

**Occupation or position held** Senior Software Engineer - Team Leader

**Main activities and responsibilities**

- Analysis, design, and development of enterprise software solutions using Java
- Use of Open Source technologies and the Spring framework (Spring, Spring Security, Spring Data)
- Design of software solutions in compliance with customer specifications and functional requirements
- Frontend development using Bootstrap and AngularJS (v. 1.5.9)
- Technical support and coordination of team development activities

**Name and address of employer** 5 Emme Informatica S.p.a. - Via Cristoforo Colombo, 456 – 00144 Rome, Italy

**Dates** Ottobre 2016 - Agosto 2018

**Occupation or position held** Senior Software Engineer / Team Leader

**Main activities and responsibilities**

- Development of Java-based applications for enterprise projects (C@rtInt, Whereapp)
- Use of the JHipster framework for full-stack application development
- Design and implementation of a queue-based system for user notification management
- Frontend development using Bootstrap and AngularJS
- Design and implementation of an internal Continuous Integration system
- Configuration and management of CI/CD tools, including Git, Jenkins, and Artifactory

**Name and address of employer** VJTechnology s.r.l. - Viale Cesare Pavese, 24 – 00144 Rome, Italy

**Dates** February 2013 - September 2016

**Occupation or position held** Software Engineer / Technical Consultant

**Main activities and responsibilities**

- Analysis, design, and development of enterprise web applications
- Strong involvement in the management, analysis, and development of the e-commerce platform for The Space Cinema
- Responsibility for functional evolution, performance optimization, and reliability of the e-commerce system
- Development of backend services using Java-based technologies
- Integration with external systems and payment services
- Collaboration with functional teams and stakeholders to ensure alignment between business needs and technical implementation
- Contribution to system maintenance, monitoring, and continuous improvement

**Name and address of employer** Wedjaa s.r.l. - Via Mario Bianchini, 00142, Rome, Italy

**Dates** Ottobre 2012 - Settembre 2012

**Occupation or position held** Assistente Analisi Matematica

**Main activities and responsibilities**

- Supporto all'attività didattica del corso di Analisi Matematica
- Assistenza durante lezioni ed esami

**Name and address of employer** Università degli Studi Roma Tre – Facoltà di Ingegneria, Dipartimento di Informatica e Automazione

**Dates** Ottobre 2012 - Settembre 2012

**Occupation or position held** Tutor Fondamenti di Informatica

**Main activities and responsibilities**

- Tutoraggio per il corso di Fondamenti di Informatica
- Supporto agli studenti del Corso di Laurea Triennale in Ingegneria Informatica

**Name and address of employer** Università degli Studi Roma Tre – Facoltà di Ingegneria, Dipartimento di Informatica e Automazione

### Education and training

**Dates** October 2008 – October 2012

**Qualification awarded** Master's Degree in Computer Engineering

**Principal subjects / occupational skills covered**

- Design and development of complex software systems
- Analysis and problem-solving in computer engineering and information technology domains
- Design of information systems, distributed software, and Internet-oriented architectures
- Advanced knowledge of software architectures and computing systems

**Master's Thesis** Experimental thesis on urban mobility solutions for blind and visually impaired people. Design and development of a software prototype supporting the use of public transportation, including:

- Backend development using Java
- Mobile application development using Adobe PhoneGap (HTML5, CSS3, JavaScript)

**Supervisor** Prof. Paolo Merialdo

**Name and type of organisation providing education and training** Università degli Studi Roma Tre, Facoltà di Ingegneria, Dipartimento di Informatica e Automazione

<b>Dates</b>	September 2002 – July 2008
<b>Qualification awarded</b>	Bachelor's Degree in Computer Engineering
<b>Principal subjects / occupational skills covered</b>	<ul style="list-style-type: none"> <li>• Analysis, design, and development of information systems</li> <li>• Fundamentals of automation, databases, and software systems</li> <li>• Development of software applications and IT services</li> </ul>
<b>Bachelor's Thesis</b>	Development of a software tool integrated with JMeter for executing performance testing on Web Services, carried out at C.N.I.P.A. (National Centre for Information Technology in Public Administration).
<b>Supervisor</b>	Prof. Giuseppe Di Battista
<b>Name and type of organisation providing education and training</b>	Università degli Studi Roma Tre, Facoltà di Ingegneria, Dipartimento di Informatica e Automazione

### Personal skills and competences

**Mother tongue(s)** Italiana

**Other language(s)**

Language(s)	Reading	Writing	Speaking
English	B2	B1	B1
French	A1	A1	A1

**Organisational skills**

- Management and coordination of software development teams
- Planning and organization of activities in Agile / Scrum environments
- Ability to work towards objectives and deadlines
- Collaboration with technical and functional stakeholders
- Experience in managing complex projects in enterprise and Public Administration contexts

**Digital Skills**

- **Programming languages:** Java, SQL, XML, HTML5, CSS3, JavaScript
- **Backend frameworks and technologies:** Spring Framework (Spring Boot, Spring Security), J2EE, Hibernate, Apache Camel
- **Architectures and systems:** Microservices-based architectures, distributed systems, cloud-native applications
- **Cloud & Container technologies:** Kubernetes, Docker, Helm (development and management of reusable base charts), Microsoft Azure, AWS, Google Cloud Platform

- **DevOps & CI/CD:** Git, GitFlow workflow, Jenkins, Tekton, ArgoCD, Maven
- **Databases:** PostgreSQL, MySQL, Oracle, MongoDB, Neo4j, DB2
- **Search & NoSQL:** Elasticsearch
- **Frontend technologies:** AngularJS, Bootstrap
- **Application servers & web containers:** Apache Tomcat, JBoss
- **Operating systems:** Linux (Ubuntu, Debian), macOS, Windows
- **Development and collaboration tools:** Jira, Atlassian tools, Lens (Kubernetes cluster monitoring)

**Driving licence**

Category B