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| RICCARDO MACORATTI

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| SOFTWARE ENGINEER ● ARCISATE, ITALY ● +41 79 830 24 45 |

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| DETAILSArcisate, Italy+41 79 830 24 45r.macoratti@gmx.co.ukLINKS[RicMa.co](https://ricma.co)[LinkedIn](https://www.linkedin.com/in/ricmaco)SKILLS

|  |
| --- |
| Java |
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| TypeScript / JavaScript |
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| CSS |
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| Python |
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| Go |
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| --- |
| Bash |
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| C / C++ |
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| SQL |
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| MongoDB |
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| Git |
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| Docker |
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| Linux |
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LANGUAGES

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| Italian |
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| --- |
| English |
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| Spanish |
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| German |
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HOBBIESCoding
Martial Arts
DIY |

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|  | PROFILE |

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|  | Resourceful, flexible, and knowledgeable Software Engineer with 8 years of experience, committed and passionate about his work.Possesses valuable problem-solving skills and proficiency in various platforms, programming languages, and paradigms. Constantly strives to learn and maximize every experience.Skilled in front-end and back-end roles, as well as light DevOps tasks.Capable of self-management during independent projects, with strong communication skills and the ability to work effectively in diverse teams. |

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|  | EMPLOYMENT HISTORY |

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|  | Senior Software Engineer at adesso Switzerland SA, Lugano, SwitzerlandDecember 2022 — Present* Developed back-end and front-end solutions for the insurance and banking sectors.
* Cooperated in diverse teams of 4+ individuals with mixed competencies.
* Designed, developed, and tested contracting projects based on REST microservices or modular monoliths, using modern Java and the Spring Boot framework for the back-end, coupled with SPA front-ends in React.
* Targeted CI/CD pipelines with technologies like GitHub Actions, GitLab CI, and Jenkins.
* Worked with relational and non-relational database technologies, such as PostgreSQL, MS SQL, and MongoDB.
* **Technologies**: REST, Spring Boot, React, MongoDB, PostgreSQL, Bash, GitHub, GitLab, Jenkins, Kafka.

Software Engineer at Ex Machina Sagl, Lugano, SwitzerlandApril 2022 — November 2022* Developed back-end solutions for various applications, including banking and e-commerce.
* Cooperated in diverse teams of 5+ individuals with mixed competencies.
* Analyzed, designed, developed, and tested internal products and contracting projects, primarily consisting of REST microservices using cutting-edge technologies such as Quarkus and Spring Boot.
* Utilized Quarkus native capabilities to build fast-starting applications for cloud systems.
* Developed containerized microservices for Kubernetes and OpenShift clusters, integrating CI/CD pipelines with unit- and e2e-testing.
* **Technologies**: REST, Quarkus, Spring Boot, MySQL, Oracle, Bash, Docker, Kubernetes, OpenShift, Git.

Software Architect at Delvitech SA, Mendrisio, SwitzerlandApril 2020 — March 2022* Developed services and products in AOI (Automated Optical Inspection).
* Co-managed a team of 10+ individuals while actively contributing to team goals.
* Applied and directed Agile methodologies to streamline product development.
* Analyzed, designed, and developed the company's flagship software product, based on a microservices ecosystem with Java, Python, Go, Node.js, and gRPC intercommunication.
* Implemented low-level hardware integration libraries using Go and C++.
* Packed microservices in Docker containers and integrated CI/CD with TeamCity and Jenkins.
* Technologies: REST, gRPC, Spring Boot, Python, Go, C++, Node.js, Bash, PowerShell, HTML/CSS, React, MySQL, MS SQL, Redis, Git, Docker, TeamCity, Jenkins.

Software Consultant at Open Reply s.r.l., Milano, ItalyMay 2018 — March 2020* Developed banking, financial, and trading services for major Italian banking groups and fiduciaries, operating in Central and Eastern Europe and North Africa.
* Collaborated in a team of 4+ people and later independently managed some junior resources on minor projects.
* Engaged in the full software lifecycle, including analysis, design, and development of new REST and SOAP services and web applications, back-offices, and dashboards, using Spring Boot and Spring Cloud-based microservices and React web interfaces.
* Frequently traveled across Europe to work at client headquarters, collecting business requirements and assisting DevOps with application deployment.
* Technologies: REST, Spring Boot, Spring Cloud, Spring 4, Node.js, Python, MySQL, Oracle DBMS, Alfresco, Apache Kafka, Apache Cassandra, Bash, HTML/CSS, React, jQuery, Docker, Git, SVN.

Junior Software Developer at DataSoft Srl, Garbagnate Milanese, ItalyJuly 2016 — January 2017* Developed innovative solutions in the cinema automation field.
* Collaborated in a small, dynamic team of two, under the direct guidance of the CEO/CTO.
* Conceptualized, designed, and implemented a high-performance, Linux-based, two-pane file manager web application for bundling with cinema projectors and NAS, focusing on efficient large file transfers.
* Ensured continuous application maintenance and upgrades to current kernel and Node.js versions.
* **Technologies**: Express, Node.js, Python, Bash, WordPress, JavaScript, HTML/CSS, jQuery.
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|  | EDUCATION |

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|  | Master's Degree in Computer Science, Università degli Studi di Milano, Milano2015 — 2018Bachelor's Degree in Computer Science for Digital Communication, Università degli Studi di Milano, Milano2011 — 2015Languages High School diploma, I.S.I.S. Alessandro Manzoni, Varese2006 — 2011 |

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|  | EXTRA-CURRICULAR ACTIVITIES |

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|  | Member / President at LinuxVar, Casorate Sempione, Italy2013 — Present* LinuxVar is a non-profit Linux User Group (LUG) dedicated to promoting knowledge and awareness of Linux and FLOSS software.
* Hosted and presented at multiple editions of the LinuxDay conference.
* Served as a stable member and, for several years, as president.
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