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| RICCARDO MACORATTI   |  | | --- | | SOFTWARE ENGINEER ● ARCISATE, ITALY ● +41 79 830 24 45 | | |
| DETAILS Arcisate, Italy  +41 79 830 24 45  [r.macoratti@gmx.co.uk](mailto:r.macoratti@gmx.co.uk) LINKS [RicMa.co](https://ricma.co)  [LinkedIn](https://www.linkedin.com/in/ricmaco) SKILLS  |  |  | | --- | --- | | Java | | |  |  |  |  |  | | --- | --- | | TypeScript / JavaScript | | |  |  |  |  |  | | --- | --- | | CSS | | |  |  |  |  |  | | --- | --- | | Python | | |  |  |  |  |  | | --- | --- | | Go | | |  |  |  |  |  | | --- | --- | | Bash | | |  |  |  |  |  | | --- | --- | | C / C++ | | |  |  |  |  |  | | --- | --- | | SQL | | |  |  |  |  |  | | --- | --- | | MongoDB | | |  |  |  |  |  | | --- | --- | | Git | | |  |  |  |  |  | | --- | --- | | Docker | | |  |  |  |  |  | | --- | --- | | Linux | | |  |  |  LANGUAGES  |  |  | | --- | --- | | Italian | | |  |  |  |  |  | | --- | --- | | English | | |  |  |  |  |  | | --- | --- | | Spanish | | |  |  |  |  |  | | --- | --- | | German | | |  |  |  HOBBIES Coding Martial Arts DIY | |  |  | | --- | --- | |  | PROFILE |  |  |  | | --- | --- | |  | 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. |  |  |  | | --- | --- | |  | EMPLOYMENT HISTORY |  |  |  | | --- | --- | |  | Senior Software Engineer at adesso Switzerland SA, Lugano, Switzerland December 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, Switzerland April 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, Switzerland April 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, Italy May 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, Italy July 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. |  |  |  | | --- | --- | |  | EDUCATION |  |  |  | | --- | --- | |  | Master's Degree in Computer Science, Università degli Studi di Milano, Milano 2015 — 2018 Bachelor's Degree in Computer Science for Digital Communication, Università degli Studi di Milano, Milano 2011 — 2015 Languages High School diploma, I.S.I.S. Alessandro Manzoni, Varese 2006 — 2011 |  |  |  | | --- | --- | |  | EXTRA-CURRICULAR ACTIVITIES |  |  |  | | --- | --- | |  | Member / President at LinuxVar, Casorate Sempione, Italy 2013 — 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. | |