Ing. Matteo La Cognata

**Senior Software Engineer**

[LinkedIn](https://www.linkedin.com/in/matteolc/) | [GitHub](https://github.com/matteolc)  
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**Professional Summary**

Highly experienced and detail-oriented Senior Software Engineer with over 10 years of expertise in full-stack development. Demonstrated ability to design and implement scalable software solutions, mentor team members, and enhance user experiences. Proficient in transforming user requirements into seamless user journeys. Advocate for fostering a supportive tech environment. Fluent in English and Italian, with working knowledge of Portuguese, Spanish, and Greek.

| Technical Skills | Full-stack development (Ruby, Rails, React, Angular), Frontend and backend development, Micro-services architecture, CI/CD pipelines (Git, GitHub, GitLab), Docker, Heroku, PostgreSQL, TimescaleDB, VoIP systems (FreeSWITCH, SS7, Digitalk), System administration (Unix, Microsoft) |
| --- | --- |
| Soft Skills | Mentorship and team leadership, User experience design and implementation, Incident management and production support |
| Programming | Ruby (Since 2012, Level 4), JavaScript (Since 2012, Level 4), TypeScript (Since 2018, Level 4), Angular (Since 2012, Level 3) |
| Frameworks | React (Since 2012, Level 4), Rails (Since 2012, Level 4), Remix.run (Since 2022, Level 3) |
| Operations | Docker (Since 2016, Level 4), Git/CI-CD (Since 2015, Level 4), Heroku (Since 2020, Level 4) |
| Databases | PostgreSQL (Since 2012, Level 4), TimescaleDB (Since 2021, Level 3), Redis (Since 2012, Level 4), Elasticsearch (Since 2019, Level 3), MSSQL (2006-2009, Level 4) |

**Experience**

**Senior Software Engineer**

[Carta](https://carta.com/) - Sep 2022 - Present

* Mentored junior team members, ensuring timely completion of projects by providing guidance and support.
* Reduced technical debt by addressing issues raised during engineering retrospectives.
* Enhanced team engagement by organizing quarterly in-person events, resulting in increased team satisfaction.
* Improved feature specifications and user stories by collaborating with design and product teams, leading to a reduction in development time.
* Architected and implemented scalable backend solutions, improving data processing efficiency.
* Collaborated with cross-functional teams to define and prioritize technical initiatives, aligning them with business goals.

**Senior Software Engineer**

[Capdesk](https://www.capdesk.com/) - May 2021 - Sep 2022

* Achieved an increase in feature delivery speed by implementing and releasing new features daily within the Equity Plans squad.
* Increased sprint efficiency by grooming features for Jira sprints and facilitating ideation sessions.
* Improved application performance by migrating frontend components from Angular to React.
* Reduced production incidents by managing production issues and providing timely hotfixes.
* Enhanced feature development by authoring technical discovery documents, improving QA process efficiency.
* Developed and maintained documentation for technical processes, improving knowledge transfer and onboarding efficiency.

Ruby, Typescript, React, Angular, Rails, PostgreSQL, Git/CI-CD, Heroku, Datadog

**Senior Software Developer**

[Fabbricadigitale](https://www.fabbricadigitale.it/) - 2018 - May 2021

* Developed Typescript applications for JSON API micro-services, increasing development efficiency.
* Mentored junior developers, improving code quality and adherence to best practices.
* Improved development efficiency by introducing Docker to replace Virtual Machines.
* Enhanced CI/CD processes by establishing Git pipelines and automation tools, reducing deployment time.
* Improved system monitoring by implementing logging and observability guidelines, reducing system downtime.
* Resolved production incidents within SLA targets, ensuring 99.9% application uptime.

Ruby, Javascript, Typescript, React, Next.js, Express, Rails, FreeSWITCH, Docker, Kibana, Elastic, TimescaleDB, PostgreSQL, Sysadmin, VoIP, Git/CI-CD

**Freelance Full-Stack Developer**

Milan, IT - 2012 – 2018

* Developed Ruby-on-Rails applications and Ruby JSON APIs with React frontends, achieving high client satisfaction.
* Created automated invoicing systems, reducing invoicing errors and processing time.
* Built multi-level reseller applications to increase multi-channel client sales.
* Developed softswitches for wholesale voice operators, decreasing operational costs and improving efficiency.

Javascript, React, Rails, FreeSWITCH, Docker, PostgreSQL, VoIP, Sysadmin, Git/CI-CD, VMWare

**Voice Network Technical Officer**

Soleto SPA - 2009 – 2012

* Planned and deployed VoIP services, increasing network efficiency and reducing operational costs.
* Enhanced communication infrastructure by implementing proprietary Fiber Optic and Wi-Fi networks, improving service reliability.

Digitalk, Squire, VoIP, SS7, Wi-Fi, Sysadmin

**Technical Support Engineer**

[Digitalk](https://www.digitalk.com/) - 2007 – 2009

* Resolved 99% of support tickets within SLA targets, ensuring high customer satisfaction.
* Assisted in deploying and operating the Digitalk Softswitch, contributing to an increase in customer deployments.
* Improved bug resolution time by identifying and resolving issues in collaboration with the development team.
* Enhanced user experience by contributing to internal and customer-facing documentation, reducing support queries.

MSSQL, VoIP, SS7/ISDN, Sysadmin

**Voice Network Engineer**

Intrastet SA, Greece - 2006 – 2007

* Planned and deployed VoIP services on proprietary Wi-Fi networks, increasing service coverage and reliability.
* Upgraded and operated Wi-Fi and Satellite networks, troubleshooting customer VoIP issues efficiently, reducing customer complaints.

Wi-Fi, VoIP, Mediatrix, Sysadmin

**Embedded Software Developer**

ISD SA, Greece - 2005

* Developed HDL algorithms and System-on-Chip sub-systems for wireless Home-Theater set-top boxes, enhancing product functionality.

HDL, FPGA, Wi-Fi

**Education**

**M.Sc. in Telecommunication Engineering**

Politecnico di Milano - 1998 – 2003

**Internship**

STMicroelectronics - 2002 – 2003

* Developed an HDL synchronization algorithm for Digital Video Broadcasting signals, contributing to advanced broadcasting technology.

**Volunteer Work**

**ARCHELON**

The Sea Turtle Protection Society of Greece - 1999 – 2005