Ing. Matteo La Cognata

Senior Software Engineer

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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)

Senior Software Engineer
[Carta](#) **- 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](#) **- 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 - 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](#) - 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.

<center>MSSQL, VoIP, SS7/ISDN, Sysadmin</center>

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.

<center>Wi-Fi, VoIP, Mediatrix, Sysadmin</center>

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.

<center>HDL, FPGA, Wi-Fi</center>

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Education
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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.

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Volunteer Work
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ARCHELON
The Sea Turtle Protection Society of Greece - 1999 – 2005