FRANCESCO LERRO

✉ francesco.lerro@gmail.com 📞 +39 342 1370150
🏠 rolandfg.net github.com/flerro in linkedin.com/in/lerro/

PROFILE SUMMARY

Seasoned software architect and engineering leader with over 20 years of experience designing and delivering innovative software solutions that impact millions of users. He has a proven track record in leading complex technical projects and technical teams driving successful outcomes for global organisations. As an AWS User Group leader, he actively contributes to local tech communities and conferences as an organiser and a speaker. He is passionate about leveraging technology to solve real-world problems and improve people's lives.

WORK EXPERIENCE

THEFORK (TRIPADVISOR)   Softwarte Architect   Jul 2022 - Present | Turin, Italy

- Managed the architecture governance process for the Diners Experience and Core and Commons tribes, facilitating the completion of key initiatives and commitments
- Handled GenAI topics from architectural point of view, influencing the production of the first GenAI blueprint for TheFork
- Influenced decisions on key initiatives like the Data and ML Platform Architecture target vision, Kale project (GenAI recommendation)
- Contributed in knowledge sharing and upskilling initiatives inside the company, organizing Engineering Academy sessions, Data day, Data Fresk training
- Supported teams during technical debt assessment and onboarding

LEITHÀ (UNIPOL)   Practice lead Architecture   Mar 2018 - Jun 2022 | Milan, Italy

- Promoted cloud adoption, evangelizing teams, challenging the IT status quo, sucessfully convincing many executives about cloud adoption benefits
- As Chief Architect, lead the architecture design for the new BeRebel online insurance, a crucial project for Unipol (serverless, AWS, EDA)
- Lead the delivery of several data intensive applications and ML initiatives (e.g., geo-location marketing MVP 150 mil. events/day, tech: Kafka, Java)

EUCLIDEA SIM S.P.A.   CTO   Jan 2016 - Sept 2017 | Milan, Italy

- Activated an innovative B2C wealth management service, introducing cloud computing in a very regulated sector (Python, Java)
- Managed the tech team, establishing sane development life-cycle processes, enabling collaboration and removing obstacles (CI/CD, GIT Flow)

PRADA S.P.A.   Solution Architect   Sept 2013 - Dec 2015 | Milan, Italy

- Streamlined travel and expense processes for APAC employees (6000+ pp)
- Connected Retail employees in stores with HQ marketing office (+10% sales)
- Reduced store openings time between 30% and 50% (tech: Java BPNM Oracle)

ROUTE 66 S.R.L.   CTO   May 2011 - Apr 2013 | Milan, Italy

- Bootstrapped company e-commerce business, implementing a new on-line flight and hotel booking platform (Java, Spring, Node.js, MongoDB)
- Managed the tech department, handled platform development lifecycle
- Lead the work on critical, high impact features (e.g., 86% TTSR reduction for ~40k search results, 98% card refunds reduction with new antifraud system)

Other work experiences available at linkedin.com/in/lerro/ ↗
Last Updated: 12/12/2024

EDUCATION

POLITECNICO DI TORINO ↗
Master of Engineering in Computer Science
Sept 2004 | Turin, Italy

TECHNICAL SKILLS

ARCHITECTURE DESIGN
Cloud • PaaS • IaaS • IaC
system integration • EIP
elasticity • high availability
SOAP • REST • BPM • UML

SOFTWARE DESIGN
OOP • AOP • concurrency
reactive programming
software design patterns

TECHNOLOGIES
Java • JavaScript • Python
Node.js • HTML/CSS

Docker • Openshift

PostgreSQL • MySQL
SQL Server • MongoDB

TALKS

Dev role in serverless
2024 | Serverless Days Rome

Playing with building blo... ↗
2024 | Serverless Italy Meetup

Orchestration VS Choreo... ↗
2023 | AWS UG Torino

Serverless archi patterns ↗
2020 | AWS UG Torino

A serverless data pipeline... ↗
2019 | Cineca, HPC Workshop

Lambda Layers FTW! ↗
2019 | Serverless on Stage #16

AWS ❤ SAM ↗
2018 | Serverless on Stage #9

Tecnologie Groovy ↗
2013 | JUG Milano