

# Francesco Lerro

francesco.lerro@gmail.com | +39 3421370150

## EDUCATION

### POLITECNICO DI TORINO

MASTER OF ENGINEERING IN  
COMPUTER SCIENCE  
Sept 2004 | Turin, Italy

## TECHNICAL SKILLS

### ARCHITECTURE DESIGN

cloud architectures • PaaS • IaaS  
system integration • EIP • ESB  
scalability • high availability  
SOAP • REST • BPM • UML

### SOFTWARE DESIGN

OOP • AOP • concurrency  
reactive programming  
software design patterns

### TECHNOLOGIES

Java • JavaScript • Python  
Node.JS • Spring • Grails  
Django • HTML/CSS  
PostgreSQL • MySQL  
SQL Server • MongoDB

## CERTIFICATIONS

AWS Solution Architect Associate  
2018 | Certmetrics

Spring Certified Professional  
2010 | SpringSource

## TALKS

AWS ♥ SAM  
2018 | Serverless on Stage #9

Tecnologie Groovy  
2013 | JUG Milano

## COURSES

Kubernetes Basics  
2017 | Google

Docker Workshop  
2015 | Corley

Reactive programming  
2013 | EPFL

Project governance  
2013 | CEFRIEL

## LINKS

🏠 [rolandfg.net](http://rolandfg.net)

🐙 [github.com/flerro](https://github.com/flerro)

🐦 [twitter.com/flerro](https://twitter.com/flerro)

## PROFILE SUMMARY

Software Architect with 13+ years of experience designing / delivering solutions for Finance, Travel and Fashion. Skilled in solution architecture design, cloud computing, system integration, software development management. Loves the KISS principle, the CLI and buffalo mozzarella.

## WORK EXPERIENCE

### LEITHÀ (GRUPPO UNIPOL) SOLUTION ARCHITECT, INNOVATION

Mar 2017 – Present | Milan, Italy

Working on services innovation and digital transformation projects.

Delivered new business solutions leveraging big-data analysis (Spark), machine learning pipelines, cloud architectures (AWS).

### PACKT PUBLISHING TECHNICAL AUTHOR

Nov 2017 – Present | Milan, Italy

Published *Serverless Programming Solutions*, revised AWS related material for other courses.

### EUCLIDEA SIM S.P.A. CHIEF TECHNOLOGY OFFICER

Jan 2016 – Sept 2017 | Milan, Italy

Led the design and development of a custom on-line B2C wealth management platform (Funds/ETF), provisioned/evolved a highly available infrastructure in cloud (AWS), managed the technology team implementing a collaborative dev workflow and agile delivery practices (CI/CD, DevOps)

### PRADA S.P.A. SOLUTION ARCHITECT

Sept 2013 – Dec 2015 | Milan, Italy

Designed technical solutions for internal clients, standing between projects stakeholders and implementation partners. Delivered several projects with impact on Finance, Retail and HR processes in EMEA and APAC regions, achieving better costs monitoring, better collaboration, streamlined communication between HQ and stores.

### ALIFLY CHIEF TECHNOLOGY OFFICER

Sept 2011 - Apr 2013 | Milan, Italy

Led the design and implementation of an on-line flight booking platform, integrated GDS API with concurrent programming paradigm for a streamlined search UX (6 secs for ~40k search results), implemented enhanced activity tracking and fraud detection (refunds reduced by 98%)

### CONTACTLAB SOFTWARE ARCHITECT

Sept 2008 - Apr 2011 | Milan, Italy

Re-engineered SaaS feedback components for email marketing campaigns, enhancing scalability and performance (handling ~50 million events/day)

### JOBRAPIDO SOFTWARE ENGINEER

Jun 2006 - Feb 2007 | Milan, Italy

Evolved the implementation of the search engine successfully incorporating business critical features (e.g. sponsored results), managed the development lifecycle from requirements to delivery

### TXT E-SOLUTIONS SOFTWARE ENGINEER

Jun 2005 - May 2006 | Milan, Italy

Developed the back-end for the *Turin 2006 Winter Olympics* website, building a high scalable system to deliver events results live to 60 million visitors per day

For more details refer to my [LinkedIn profile](#)