

# Luca Sepe

Senior Software Engineer - Go | C | Java

Lodi, Italy

luca.sepe@gmail.com • <https://github.com/lucasepe> • [linkedin.com/in/lucasepe](https://www.linkedin.com/in/lucasepe)

Software craftsman with 20+ years of experience who really enjoy crafting using Go & C-like languages: R&D, cross-platform CLI tools, ETL, web scrapers, devops custom tools.

Demonstrable experience of designing complex, multi-platform, commandline tools: pipelines, web scrapers, massive data ingestion, devops custom tools etc.

Pragmatic & creativity: best fit solution while using appropriate design patterns and practicing the "clean coding".

## WORK EXPERIENCE

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**Sky Italia**, Milan - Italy

*Sr. Software Engineer, Solution Architect*

(12/2019)-(04/2021)

Technologies: AWS SNS, SQS, S3, DynamoDB, Lambda, Go.

Speeches: #1 Golang Introduction, #2 Developing ReST API in Go, #3 Using Go for WASM.

**Sysdig**, Milan - Italy

*Sr. Software Engineer*

(07/2019)-(12/2019)

Software Engineer allocated on Sysdig Monitor ( <https://docs.sysdig.com/en/sysdig-monitor.html> )

Technologies: Spring Boot, Cassandra, Elasticsearch, Go.

**NTT DATA**, Milan - Italy

*Solution Architect, Software Engineer, Trainer*

(12/2016)-(06/2019)

Redesigned the Sky Italia legacy monolithic system used for the delivery of the digital content (broadcast, cable, STB, VOD, IPTV, multiscreen OTT) as distributed microservices platform. Improved response time by 75% and the average number of daily workflow by 50%

Technologies: Grizzly HTTP Server, Jersey, HK2 (for DI), Elasticsearch, Active MQ, Go, Camunda.

Trainer: Clean Coding; Best practices for DevOps; Elasticsearch; Go for CLI tools and microservices.

**Commonsense**, Lodi - Italy

*Senior Android Developer*

(02/2013)-(12/2016)

Implemented many android native apps: CollaborAction - used internally by Barilla s.p.a. employees working on the production lines (a sort of Google+ to report, track work, share problems and solutions to the various situations that may occur in the plant); Developer on: Coin, OVS and NaturaSi (retail) apps.

**Sky Italia**, Milan - Italy

*Solution Architect, Software Engineer, Trainer*

(06/2007)-(11/2012)

Designed and developed: desktop app to query Salesforce web services; command line tools, Nginx and Apache custom modules; backends for the following corporate sites: Sky Video Portal, Sky Meteo24, Sky EPG and the custom corporate SSO platform.

Technologies: Java, Swing, C, Python, Tornado web server, Tomcat, Apache and Nginx, Oracle DB, PostgreSQL, MySQL, Redis, Memcached, Android SDK.

**Zucchetti**, Lodi - Italy

*Software Engineer, Team leader*

(04/2002)-(12/2006)

Team leader during the development of the corporate desktop app 'Mercurio'. that let customers managing company software updates and protected downloads - designed also the related server side services.

Led the conversion of the old internal corporate desktop apps from Visual Basic to Java Swing.

Developed a MIDP client app for BlackBerry devices to monitor the London Metal Exchange quotations.

Technologies: Java, Swing, SWT, J2ME MIDP, Tomcat, JSP.

**Geotechnical Office**, Naples - Italy

*Software Engineer*

(06/1999)-(06/2001)

Developed desktop apps to solve geotechnical problems and for the generation of architectural design plans.

Technologies: Java, C, DXF, Autocad (lisp plugins).

## EDUCATION

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Master in Civil Engineering - Geotechnical address (1999)

Seconda Università degli Studi di Napoli Federico II

*Thesis: Deep foundations - Groups of poles, yieldings calculation. Relative software implementation (desktop/C).*