SALVATORE D'ANGELO

PhD Computer Engineer |
Tech Lead

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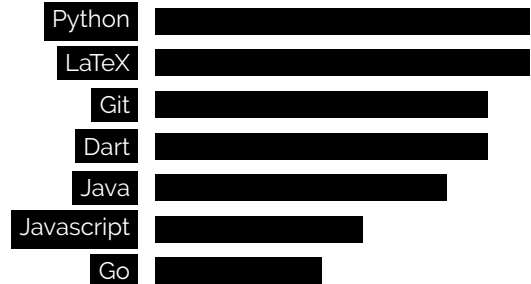saldang.it

salvatoredangelo86

@GeekYoghi

WHO AM I?

Tech Lead with a Ph.D. in Computer Engineering and 10+ years of experience in development teams and architecting cloud infrastructure. Currently leading Startup Software Development Team building a tech product from scratch.

I bridge the gap between technical excellence and team leadership, fostering agile practices, continuous delivery, and infrastructure-as-code across organizations.

Specialized in DevOps, Kubernetes orchestration, CI/CD automation, and building scalable distributed systems.

Python
LaTeX
Git
Dart
Java
Javascript
Go

NestJS FastAPI Flutter LLM+RAG K8S-Docker

EXPERIENCE

09/2025 – current **Tech Lead** *Guild Living Internationa Italy Srl*
Leading the development of a new framework for elderly care, focusing on Longevity. Main technologies: Flutter, FastAPI, Docker and Docker Compose, PostgreSQL, NestJS, Google Cloud Platform.
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Flutter / FastAPI / Docker / PostgreSQL / NestJS / Google Cloud Platform
```

2/2022 – current **University Professor** *Universitá della Campania "L.Vanvitelli"*
Advanced Software Engineering course: BPMN, Docker, Kubernetes, Openstack, Patterns, Design Patterns, Agile Methods (Scrum, XP, DevOps), Code Analysis (2022-2025). Object-Oriented Programming course (2022-2026).
```
DevOps / Kubernetes / Docker / Software Engineering
```

1/2022 – 09/2025 **University Researcher** *Universitá della Campania "L.Vanvitelli"*
Analysis, definition, and application of advanced Machine and Deep Learning techniques. Automatic code generation for adaptive and dynamic software production in Cloud Computing contexts. Responsible for managing the automated development and deployment cycle.
```
Machine Learning / Deep Learning / Cloud Computing / Code Generation
```

2/2021 – 09/2025 **Adjunct Professor** *Universitá della Campania "L.Vanvitelli"*
"Mobile Application Development Laboratory" course: Flutter, BLoC pattern.
```
Flutter / Mobile / Dart / Teaching
```

6/2019 – 09/2025 **Researcher / External Collaborator** **C.I.N.I. (National Interuniversity Consortium for Informatics)**
Coordination of Machine Learning and NLP projects for highly distributed microservices applications. Responsible for defining and managing innovative environments.
```
NLP / Machine Learning / Microservices / Distributed Systems
```

11/2018 – 09/2025 **Professional Training Instructor** **BcSoft S.r.l.**
Advanced training on DevOps methodologies, technologies, and containerization. Courses: Openshift Developer, Docker, Business Process Management, Salesforce, DevOps Academy, Cloud Architectures.
```
Training / DevOps / OpenShift / Docker
```

| 3/2018 – 1/2024 | **Co-Founder** | **Geekers S.r.l.** |

Technical and strategic management of software production for microservices-based applications. Supervision of production cycles with DevOps practices, Infrastructure as Code (Openstack, Terraform, Kubernetes). Multi-platform Application Development (Flutter, Dart, Firebase).

`Startup / Management / Flutter / Cloud Native`

| 10/2021 – 12/2021 | **Technical Architect** | **Healthware Group** |

Technical and managerial supervision of software production during the migration of an iOS application to Flutter. Coordination of development and deployment of new software features in health and digital therapies.

`Architecture / Flutter / HealthTech / Migration`

| 5/2021 – 10/2021 | **Professional Training Instructor** | **CINI** |

Training focused on software production management via containerization, digital transformation, and microservices for the IT staff qualification of the Ministry of Justice.

`Training / Microservices / Digital Transformation`

| 7/2020 – 10/2021 | **Technical Officer** | **Universitá della Campania "L.Vanvitelli"** |

Management of web application production integrated with existing systems, technical supervision, management of on-premise cloud platforms (Openstack), and integration of collaborative tools for e-learning.

`OpenStack / Web Dev / E-learning / System Admin`

| 4/2020 – 7/2020 | **Research Fellow** | **Universitá della Campania "L.Vanvitelli"** |

"Quick&Smart" Project: Algorithms and techniques for analysis of data from sensors and sentiment analysis. Focus on fiber optic sensor data analysis and smart traffic monitoring.

`Research / Sensor Data / Sentiment Analysis / Smart City`

| 12/2017 – 12/2019 | **E-Learning Platform Manager** | **Universitá della Campania "L.Vanvitelli"** |

Analysis, Design, and Management of Advanced E-Learning Platforms and Services using BigData and Semantic technologies.

`E-Learning / Big Data / Semantics / Platform Mgmt`

| 11/2016 – 7/2019 | **University Tutor** | **Universitá della Campania "L.Vanvitelli"** |

Remedial activities: seminars on "Elements of Programming" (C language), verification of project works, practical and numerical exercises.

`Tutoring / C Language / Education`

| 1/2017 – 12/2017 | **Researcher** | **C.I.N.I.** |

Management of the complete software production cycle for the European Toreador project. Focus on parallelization, automatic deployment, and dynamic management of Big Data applications on cloud platforms.

`Research / H2020 / Big Data / Parallel Computing`

| 9/2016 – 10/2016 | **Web Designer and Developer** | **Seconda Universitá di Napoli** |

Development of a web platform for creating interactive tourist routes using Raspberry Pi and Arduino.

`Web Dev / IoT / Arduino / Raspberry Pi`

EDUCATION

| 2013 – 2016 | **Ph.D** | **Universitá degli studi della Campania "L.Vanvitelli"** |

PhD in Industrial and Information Engineering. HPC, Parallelizing compilers, parallelization techniques applied to the Cloud and Big Data. Toreador-H2020 European Project

| 2011 – 2013 | **Master's Degree** | **Universitá degli studi della Campania "L.Vanvitelli"** |

Master's Degree in IT Engineering. Natural Language Processing applications applied to software design.

| 2009 – 2011 | **Bachelor's Degree** | **Universitá degli studi della Campania "L.Vanvitelli"** |

LANGUAGES

Italian - native
English - proficient (C2)

HOBBIES

Mechanics and Automotive
Fitness and Sport
(Running, Cycling, CrossFit)

SOFT SKILLS

Team Management, Agile/DevOps
Public Speaking, Teaching
Problem Solving, Adaptability