



# Valerio Serino

## Computer Engineer

Hello, I'm Valerio, I love computer science in all its forms, with particular interest in AI, Cybersecurity, Telecommunication Networks and Remote Sensing.

### Contact Info



Avellino, IT



[\(+39\) 3469554008](tel:+393469554008)



[valerioserino.info@gmail.com](mailto:valerioserino.info@gmail.com)



[cv-ai-assistant](#)

### Skills

Java, Shell Scripting, Python, Web

Languages, C, Matlab

Docker, OpenShift, Oracle SQL, Operating Systems, Artificial Vision, LLM, Git, Jenkins, Earth Observation, Reverse Engineering, WebLogic, ELK Stack, Apache Kafka, Apache Proxy, n8n, Vector DB, Mongo DB, Cassandra, Redis

Teamwork, Empathy, Problem Solving, Deadline Compliance

### Publications

[Sensing multi-agent system for anomaly detection on crop fields exploiting the phenological and historical context](#)

### Certifications

Cloud Academy, Inc.

- Docker Certified Associate (DCA) Exam Preparation
- Becoming a Cloud Architect - Learn the Fundamentals
- Cyber Primer
- Machine Learning on Google Cloud Platform

### Work Experience

Sytel Reply Rome

(mission-critical enterprise systems)

#### ● Senior IT Consultant

Apr 2025 - Current

- Development and management of complex transformations to core processes
- Development and maintenance of advanced security features, including verification solutions such as CAPTCHA and OTP systems
- Analysis, development and vulnerability assessment of business process impacts
- Development of custom knowledge bases, accessible offline and locally
- GUI to automate development processes

#### ● IT Consultant

May 2021 - Apr 2025

- Development of critical remediation actions on production DBs and application servers
- Service migration from JMS queues to Kafka
- Development of a data collection process and related dashboards on Kibana
- Development of SW adapters to old processes with related vulnerability analysis
- SW security returns on a client/server system
- Microservices development

### Education

**Master's degree in Computer Engineering**

System and Applications (in English)

The University of Salerno

2018 - 2021