

# MATTEO CRISTIANO

## Platform \ Cloud \ DevSecOps Architect

### PERSONAL DATA

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GitHub profile: <https://github.com/create-the-roaring-impossible>

GitLab profile: <https://gitlab.com/create-the-roaring-impossible>

Azure DevOps profile: <https://dev.azure.com/fierli92>

Twitter profile: <https://twitter.com/slb6113>

Driving license: B, A3

Nationality: Italian

Place and date of birth: Ferrara (Fe), September 10<sup>th</sup> 1992



### EDUCATION

2023 HashiCorp Cloud Engineer Certifications: **Terraform Associate 003**, released by *HashiCorp*

2022 Certificate of Completion of the **Google IT Support Professional Certificate**, released by *Coursera*

2022 Certificate of Completion of the **Architecting on AWS**, released by *Amazon Web Services (AWS)*

2020 Certificate of Completion of the **AWS Advanced Networking Specialty (LA)** course, released by *Linux Academy*

2020 Certificate of Completion of the **AWS Certified Machine Learning - Speciality** course, released by *Linux Academy*

2019 Certificate of Completion of the **AWS Certified Solutions Architect - Associate Level** course, released by *Linux Academy*

2019 Certificate of Completion of the **Learn AWS by Doing** course, released by *Linux Academy*

2019 Certificate of Completion of the **Linux Operating System Fundamentals** course, released by *Linux Academy*

2015-2018 **Master's degree in Astronomy and Astrophysics**, from "La Sapienza" University of Rome, with vote **109\110**, with thesis "**Violent relaxation of self gravitating systems**" (supervisor: Prof. Roberto Capuzzo Dolcetta)

2018 Certificate of Completion of the **Learning Python** course, released by *LinkedIn*

2017 Certificate of attendance to **Parallel I\O and management of large scientific data** course, organized during *Cineca HPC Events*, at the *Cineca* offices in Rome

2017 Certificate of attendance to **Introduction to Parallel Computing with MPI and Open MP** course, organized during *Cineca HPC Events*, at the *Cineca* offices in Rome

2017 Certificate of attendance to **Debugging and Optimization of Scientific Applications** course, organized during *Cineca HPC Events*, at the *Cineca* offices in Rome

2017 Certificate of attendance to **Introduction to Marconi KNL Cluster, for users and developers** workshop, organized during *Cineca HPC Events*, at the *CNR* offices in Rome

2011-2015 **Bachelor's degree in Physics and Astrophysics**, from "La Sapienza" University of Rome, with vote **106\110**, with thesis "**Regolarizzazione del Problema Gravitazionale Classico dei due e tre Corpi**" (supervisor: Prof. Roberto Capuzzo Dolcetta)

### COMPUTER SKILLS

Linux O.S., Windows O.S., Python, Bash Shell Scripting, SQL, VSCode, AWS, SonarQube, Git, Packer, Ansible, CodePipeline, CodeBuild, RDS, Aurora, API Gateway, Jenkins, Cloud, Terraform, Azure DevOps, Powershell Scripting, Octopus, GSuite, Office 365, Docker, Docker Compose, Kubernetes, ArgoCD, EKS, RedGate, Network, Security, Landing Zone, Documentation, Confluence, Azure, Cloud, AKS, Rancher, Hashicorp Vault, AWX, Container App, App Service, Serverless, GitHub, GitLab

### LANGUAGE SKILLS

Italian: native language (C2)

English: professional (B2), both written and spoken

French: elementary (A1), both written and spoken

## WORK EXPERIENCES

January 2025 - present	<u>Cloud Infrastructure &amp; DevOps Engineer Specialist at Consulcesi Group, Rome:</u> I'm working as Cloud & DevSecOps Architect, for the Consulcesi Infrastructure team: in my role, I manage the VMs, services and processes built on Azure cloud (using Terraform), from network\security topics to CI\CD pipelines (mainly using Azure DevOps). I design, create and manage architectures with different systems\services (Azure DevOps, K8s, DataBricks, ContainerApp, AppService, Azure Cache for Redis, Service Bus, Event Hub, etc..) and AKS cluster (with focus on Helm, ArgoCD and KEDA).
June 2023 - January 2025	<u>Cloud Architecture &amp; Operations Expert at Lottomatica, Rome:</u> I'm working as Cloud Architect, for the Lottomatica Cloud team: in my role, I manage the servers and processes built on Azure cloud (using Terraform), from network\security topics to management of release pipelines (in particular, with the use of Azure DevOps), up to the creation\management of CI\CD processes. I manage creation and integration between different systems (Azure DevOps, Kubernetes, Graphana, DataBricks, ..) and Kubernetes cluster (on-prem and AKS). I'm also involved in the creation of infrastructure and CI\CD processes of a Data Platform project, managing the MLOPS workflow.
April 2022 - June 2023	<u>International Platform Operations Expert at Lottomatica, Rome:</u> I'm working as Cloud Engineer, for the Lottomatica Cloud team, in an international project: in my role, I manage the servers and processes built on AWS cloud (using Terraform), from network\security topics to management of release pipelines (in particular, with the use of Azure DevOps), up to the creation\management of CI\CD processes. I manage creation and integration between different systems (Azure DevOps, ArgoCD, Kubernetes, Graphana, SonarQube, ..), servers life cycle (via Ansible processes) and Kubernetes cluster (on-prem and EKS). About AWS, I had the possibility to work with Local Zones and Outposts.
April 2020 - April 2022	<u>System Administrator &amp; Cloud Engineer at ConTe.it - Admiral Group, Rome:</u> I'm working as System Administrator and Cloud Engineer, for the ConTe.it Customer team: in my role, I manage the servers and processes built on AWS cloud, from network\security topics to management of release pipelines (in particular, with the use of Jenkins), up to the creation\management of CI\CD processes. Recently, I also assumed the role of administrator of the company's WordPress applications. I manage the integration between different systems (Graphana, SonarQube, Jenkins, ..) and the servers life cycle via Packer\Ansible processes.
June 2018 - March 2020	<u>Software Developer Junior at ConTe.it - Admiral Group, Rome:</u> I'm a PHP software developer (frontend and backend), using the Laravel framework (TDD & BDD methodology, code versioning using Git and CodeCommit); every day, I also used the SQL language (MySQL databases) and managed the static analysis of the code through SonarQube. The projects in which I participated were built on AWS cloud, where I also managed release pipelines (in particular, using CodePipeline and CodeBuild). In particular, I worked on the migration to AWS (with a serverless architecture, created by myself) of an entire ETL nightly process.

## ABOUT ME

I'm 33 years old, I have a master's degree in "Astronomy and Astrophysics" at the "La Sapienza" University of Rome and I'm specialized on Dynamics of Dense Stellar Systems and Exoplanets Systems. I started my career as a PHP Full-Stack Software Developer and after 2 years I moved in the Infrastructure\DevOps team. I worked on AWS and Azure (also migrating from private to public cloud) with a strong focus on IaC (Terraform and Cloudformation) and configuration management tools (Ansible and Puppet), architecting cloud-native solutions (vanilla Kubernetes on-prem, EKS, AKS and Rancher) and managing network\security topics (VPC, VNET, Subnet, Route Table, Transit Gateway, Peering, VPN, etc..), CI\CD (Azure DevOps, GitHub, GitLab) and SAST (SonarQube). Also, I've gained experience in Agile and SAFE Agile contexts, by supporting lots of technical and product teams. What is more, I followed different Data Platform projects, in architecture, CI\CD and tuning processes. In conclusion, I defined myself as ambitious, extrovert and productive: I like to work on a team (more brains are better than one!), I find it a challenging way to improve my own skills and results.

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Monterotondo (RM), 20\09\2025

Matteo Cristiano