MATTEO CRISTIANO

PERSONAL DATA

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Driving license: B, A3
Nationality: Italian
Place and date of birth: Ferrara (Fe), September 10th 1992

EDUCATION

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., Microsoft Windows O.S., Python, Bash Shell Scripting, SQL, Microsoft Visual Studio, 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

LANGUAGE SKILLS

Italian: native language (C2)
French: elementary (A1), both written and spoken
English: professional (B2), both written and spoken

WORK EXPERIENCES

April 2022 - present   International Platform Operations Expert at **Lottomatica**, Rome:

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 and Azure clouds (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, EKS, and AKS). About AWS, I had the possibility to work with Local Zones, and Outposts.

April 2020 - April 2022   System Administrator & Cloud Engineer at **ConTe.it - Admiral Group**, Rome:

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 31 years old, I'm graduate in "Astronomy and Astrophysic" - at the "La Sapienza" University of Rome - and I'm specialized on dynamics of dense stellar systems and exoplanets systems. I have been for about 2 years a PHP software developer (frontend, and backend), using the Laravel framework; 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. I worked as System Administrator and Cloud Engineer, for the ConTe.it Customer team: in this role, I managed 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. I also assumed the role of administrator of the company's WordPress applications. At the moment, I'm working as International Platform Operations Expert, at Lottomatica. In particular, I'm working as Cloud Engineer, for the Lottomatica Cloud team, in an international project, managing VMs, kubernetes clusters, and CI\CD processes built on AWS and Azure clouds. I am also interested in Machine Learning and Data Science topics/processes. I'm an extrovert guy, I like to work in team (more brains are better than one!), and I'm always ready to test and improve my own skills, overcoming my limits.

Ctrl - Create the roaring impossible

Monterotondo (RM), October 22st 2023

Matteo Cristiano