Marco Santonastaso

CONTACT

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INTRODUCTION

Highly skilled and dynamic DevOps and Site Reliability Engineer with a passion for Automation, Continuous Integration and Continuous Delivery. Dedicated and motivated Software Developer with a degree in Engineering & Computer Science and a strong programming background, seeking to apply his problem-solving skills and deep analytical thinking as a DevOps Engineer.

KEY SKILLS & COMPETENCIES

- Multiple coding language background (OOP mainly) - Java, JavaScript, C, Python, Go, Node.js
- Amazon Web Services (AWS) certified: ECS, EKS, RDS, VPC, CloudFormation, EC2, ASG, Route53, ELB, Lambda
- Network knowledge and Infrastructure as Code experience - Terraform, Ansible, Jenkins
- Confident with containerization and container orchestration - Docker, Kubernetes
- Windows & UNIX knowledge - SysAdmin experience - abundant experience using the command-line
- Strong team-worker & self-driven learner - Keen attention to details

WORK EXPERIENCE

Amido   Dec. 2020 — Present
Site Reliability Engineer

AltoStack   Nov. 2019 — Nov. 2020
DevOps Engineer

DevOps Consultancy agency focused on innovation and growing of clients perfectioning the way they operate on the Cloud. Responsible for migration of infrastructures from AWS to Microsoft Azure maintaining efficiency and immutability of resources, creating Kubernetes manifests and Helm charts for nodeJS and React applications. Maintainer of reusable Terraform modules for each component of the platform; CI, Monitoring, Logging, Service Discovery and Secrets Management.
Experience working with software development groups in an Agile environment utilising cutting edge technologies such as Docker, Terraform, Ansible to ensure they have all the facilities to get the job done and make their life easier building robust pipelines for application deployments using Circle CI and Jenkins.

G-Research   July 2018 — Sept. 2019
Identity and Access Management Developer

Responsible for Terraform integration with Okta Cloud Identity & implementation of provider plugin in Golang.
Rest API implementation backend security oriented - CI/CD Pipeline structure design utilising Jenkins.
Focus on delivering solution design & development of products oriented to Identity management within the Company, ensuring access control and security maintenance.
Digital identities lifecycle management (Joiner, Mover, Leaver) with Sailpoint IdentityIQ automation development and integration in Java with third party software GIT, JIRA, Active Directory.

3D Compare   Sept. 2017 — July 2018
FullStack Developer

Startup aimed at offering a compare platform for 3D printing all over the world, helping users to find and choose among the best deals, while giving more visibility to providers vetted by the company.
The Website is based on MeteorJS, utilising MongoDB. Responsible for both frontend and backend side services functionality. Involved in diagnosing and rectifying performance issues through code reviewing.
Highly interested in security-oriented backend infrastructure, ensuring vulnerabilities associated with compromised application security and data protection are prevented and detected on time.

CERTIFICATIONS

Amazon Web Services (AWS)
Cloud Practitioner
- Understand AWS Cloud security best practices
- Describe and position the core AWS services, including compute, network, databases, and storage

EDUCATION

Engineering in Computer Science   September 2013 — May 2017
University of Rome "La Sapienza"

- Software Development - Programming
- Algorithms Knowledge - Cost Analysis
- Network Infrastructure - Communications

Scientific High School   September 2008 — July 2013
School of Caserta (Italy) "Alessandro Manzoni"

- Maths - Physics
- Natural sciences - Chemistry

ADDITIONAL SKILLS & INTERESTS

- Languages: Italian - Native, English - fluent
- Archlinux user - DIY enthusiast, guitar player, runner, yoga