

Marco Endrizzi

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ABOUT ME

A DevOps engineer from Italy passionate about anything and everything Cloud.

I am dedicated to constant self-improvement and am actively seeking a company that not only supports my professional growth, but also provides an excellent environment for continuous learning.

EDUCATION

UNIVERSITY OF SURREY

BSC COMPUTER SCIENCE WITH SANDWICH

Oct 2019 - Jun 2023 | Guildford, UK

Final Year Project:

A novel cryptographic scheme for private cryptocurrency transactions

ACHIEVED GRADE: 85

THE ARNEWOOD SCHOOL

SIXTH FORM

Sep 2016 - June 2018 | New Milton, UK

A*AAB (Maths, Physics, Italian, Biology)

SKILLS

CLOUD AND DEVOPS

Cloud providers by familiarity:

AWS • Azure • GCP

DevOps technologies:

Kubernetes • Terraform • Docker • Ansible •
Bash scripting • Jenkins • Helm • Gitlab CI/CD •
Github Actions • Linux • Grafana • Agile/Scrum

PROGRAMMING LANGUAGES

Built large scale production apps with:

Python • TypeScript • SQL

Familiar with:

Rust • Golang

SOFT SKILLS

Leadership • Initiative • Resourcefulness •
Grit • Passion • Teamwork • Positivity •
Adaptability • Growth mindset

CERTIFICATIONS

AWS Certified: **Solutions Architect - Professional**

AWS Certified: **Solutions Architect - Associate**

AWS Certified: **Security Speciality**

Microsoft Certified: **Azure Administrator**

Microsoft Certified: **Azure Developer Associate**

HashiCorp Certified: **Terraform Associate (003)**

INTERESTS AND HOBBIES

Programming • Home Lab • Movies • Certs

WORK EXPERIENCE

STORM REPLY | AWS CLOUD CONSULTANT

Sep 2023 - Current | London, UK

- Working for an AWS Premier Consulting Partner, responsibilities include delivering Cloud solutions to clients aiming at modernising IT infrastructure with AWS services.

ONTOPIC | CLOUD CONSULTANT

Jul 2022 - Sep 2022 | 3 months | Bolzano, Italy

- Published the *Ontopic Studio* to the **AWS Marketplace**
- Brought several **Docker** services to a marketplace-ready state by meeting AWS security standards and best practices
- Standardised and automated the process of building the **EC2** image with **Packer**
- Successfully published the product a week ahead of the given deadline, achieving full customer satisfaction

SKY | ASSOCIATE DEVOPS ENGINEER

Jul 2021 - Jul 2022 | 1 year | Osterley, London

- Main responsibilities consisted of spinning up cloud infrastructure with **Terraform** and general management of an **EKS cluster**, as well as automation with **Ansible** and **Jenkins**
- Patched cloud vulnerabilities and re-architected infrastructure to **save 20% of monthly cloud costs**
- Refactored, modularised and streamlined the creation of **Gitlab CI/CD** pipelines across all team repositories
- Automated the creation and management of a **HashiCorp Vault** via **Ansible**
- Single-handedly created several web-apps actively used by the Systems Integration department as well as Sky partners
- Received numerous Sky stars and sprint awards for excellence

RELEVANT PROJECTS

ALPI | AWS + AZURE + PYTHON + GOLANG + VUE.JS

Jan 2022 - Jun 2022 | Osterley, UK

- Implemented a static **Vue.js** web-app with a serverless backend engine responsible for orchestrating several other **Terraform**-deployed **serverless AWS** and **Azure** services. Fully documented the project with **VuePress**
- Architected and deployed a visual pipeline editor, empowering dozen of engineers at Sky to process multiple logfiles in parallel
- Praised as the most complex student project undertaken within the Sky placement scheme
- Full serverless tech stack: **Lambda**, **DynamoDB**, **S3**, **Cognito**, **AppSync**, **Cloudfront**, **Cloudwatch**, **WAF**, **MSK**

CLOUD MIGRATION | AWS + EKS + VSPHERE

Oct 2021 - Dec 2021 | Staines, UK

- Entrusted as a placement student to architect the first move of a proprietary application to the **AWS cloud**
- Designed, architected and presented a detailed plan for the migration. Led development of the **Jira Epic**, carried out by all team members across several sprints