antreas christofi

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EXPERIENCE

Site Reliability Engineer

DataArt

📅 April 2023 – Present   📍 Larnaca, Cyprus

- Performing SRE audits of applications and their infrastructure and delivering PoC demos for proposed solutions to shareholders.
- Deploying applications using Terraform, Amazon ECS, and Fargate for infrastructure provisioning and container orchestration, alongside implementing monitoring with CloudWatch, Fluentd, and Splunk for enhanced system performance insights.
- Currently upskilling in the generative AI domain, including completion of online courses and hands-on projects.

Site Reliability Engineer

Amdocs

📅 December 2021 – April 2023   📍 Limassol, Cyprus

- Supported and led software developers, engineers and other information technology professionals to manage and develop systems across different platforms.
- Built, maintained, migrated and monitored infrastructure and CI/CD pipelines while automating deployment processes for on-prem and cloud environments.
- Setup Grafana/Prometheus based monitoring tools to provide ongoing monitoring, status and notifications for host and service events across multiple production Kubernetes/OCP clusters.
- Implemented Disaster Recovery pipelines and playbooks for production environments.
- Created, organized and maintained step-by-step documentation.

PROJECTS

HPC Cluster Admin

Passion Project

📅 October 2017 – Present   📍 Limassol, Cyprus

- Managing and running a High Performance Cluster (HPC) - GPU accelerated farm for research, design and to allow me to learn new technologies and languages.
- Infrastructure and Configuration states are maintained through Ansible playbooks and Terraform templates using several cloud-init VM templates for different use cases.
- Consists of both GPU and CPU compute nodes running a mix of Proxmox VE and Ubuntu MAAS. Networking is backed by 40Gbps Infiniband.
- Storage is based on TrueNAS Scale using iSCSI & LVM over Infiniband.

PUBLICATIONS

Forensic Investigation of a Failed Connecting Rod from a Motorcycle Engine

Studies in Engineering Failure Analysis Volume 9

📅 October 2017, Pages 9-16

PROFESSIONAL SKILLS

- Linux
- Kubernetes
- Python
- C
- Terraform
- Ansible
- AWS
- Jenkins

STRENGTHS

- Areas of Development

`Site Reliability Engineering` `DevOps`
`Virtualization` `Information Security`
`Infrastructure Orchestration` `Cloud`
`Configuration Management`

- Development Technologies

`SCRUM` `Git` `Linux` `Docker`
`AWS` `GCP` `RISC-V` `Kubernetes`
`Ansible` `Terraform` `Grafana`
`Prometheus` `Python` `Jenkins`
`ArgoCD`

EDUCATION

M.Sc(Merit) in Motorsport Engineering

College of Engineering and Technology, University of Derby

📅 Sep 2016 – May 2019

B.Sc(Hons) in Computer Science

School of Computer Science, University of Manchester

📅 Sep 2012 – July 2015

LANGUAGES

- English
- Greek

OTHERS

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