

ADRIAN FURO

Timisoara, Romania · aady81@outlook.com · +40770872200 · adrianfuro.com/about

EDUCATION

Polytechnic University of Timisoara
BS Computer Science

Timisoara, Romania
Sep 2020 - Jul 2024

WORK EXPERIENCE

Atos
Cloud Security Engineer

Timisoara, Romania
August 2021 - August 2022

- Automated cloud deployment & configurations using Ansible / Terraform
- Securing Cloud Infrastructures
- Administered Linux servers (updating, maintenance, backups)
- Conducted Penetration Tests on Cloud Native Applications

Atos
DevOps Engineer

Timisoara, Romania
August 2022 - December 2022

- Automated the build and deployment of cloud infrastructure using Jenkins, Terraform, Ansible
- Developed Python tools that automated the process of deploying secure cloud infrastructure.
- I was responsible for testing code and creating pipelines for a GitHub organization
- I used custom Docker containers to deploy Web-Apps and secure them
- Developed internal tools using Python and Bash to automate certain task
- In Azure, I deployed and managed resources, as well as reviewed security recommendations and logs using Defender for Cloud and Sentinel (SIEM)

Resideo
DevSecOps Engineer

Bucharest, Romania (REMOTE)
December 2022 - Present

- Write and maintain Terraform code to provision and manage cloud infrastructure, while ensuring compliance through Policy as Code (Hashicorp Sentinel) scripts
- Manage the security of Docker containers and Kubernetes clusters using Prisma Cloud Compute Edition (formerly Twistlock) by Palo Alto
- Fine-tune runtime policies/rules for Prisma Cloud to optimize security and performance.
- Develop custom Bash scripts for Microsoft Azure Linux machines to extend functionality and automate tasks
- Actively contribute to internal projects on GitHub, including approving pull requests, reviewing code, and writing Terraform, Python, and Bash scripts

SKILLS

Programming Languages:	Python, Bash, Yaml
Tools:	Terraform, Ansible, Git, GitHub, BitBucket
Soft Skills:	Leadership, Critical thinking, Flexibility and adaptability, Googling stuff
Platforms:	Linux, K8S, Docker, Azure, Oracle Cloud Infrastructure, GCP
Domains:	Cybersecurity, Application Development, Cloud Security, IaC, DevOps and DevSecOps

PROJECTS

PCCE Fine-tuning

Upon assuming responsibility for Prisma Cloud functionality, I diligently addressed issues and misconfigurations by activating previously unused features. Additionally, I utilized Terraform to migrate the active runtime rules to a controlled environment, streamlining the modification process. Consequently, these efforts significantly reduced security threats within the organization. Through these strategic initiatives, I successfully reduced security threats by 70%, enhancing overall system protection and integrity.

2048 & The Aviator

I developed two web-based games to enhance the company's promotional efforts, utilizing JavaScript, HTML, CSS, and Python for backend development. To ensure a containerized environment, I created custom Docker images for both games. These games featured leaderboards that fetched data from a MySQL database, also hosted within a Docker container. Through the successful implementation of these engaging games, I effectively promoted the company and contributed to its brand visibility