

SAMUIL TOTEV

Cyber Security Engineer

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SKILLS

Linux Docker Kubernetes

Hyper-V KVM AWS

Burp Suite Metasploit

BASH Python Terraform

Ansible C# GO

FIELDS

Infrastructure

Cyber Security

HOBBIES

Self-Hosting 3D Printing

Motorcycles Gaming

ABOUT ME

Cyber security graduate with 2 years of experience in infrastructure security, virtualization, and policy enforcement. Looking for a full-time job. Security is my passion and I have a wealth of experience in various areas of technology. In addition to the work experience listed below, I have worked on a couple of university assignments for external stakeholders such as designing a secure and scalable EKS solution for MRR Drones and developing a robust cloud-based infrastructure architecture with Terraform and bash automation scripts for SUE. Moreover, I have been involved with a number of pentesting assignments for Sorama, Gemente Eindhoven and Cloudwise.

WORK EXPERIENCE

Software Engineer | Guardian360

Mar 2025 – Jul 2025

Rotterdam, The Netherlands

- Designed and implemented a dynamic schema mapping system for flexible support of variety of vulnerability scanners' data ingestion into a centralized platform using NLP.
- Built a tool called Security Data Ingestor using Go with structured logging, rate-limiting, and fault-tolerant API endpoints.
- Ensured platform independence and production readiness through Docker and Kubernetes deployment.
- Integrated CI/CD using GitHub Actions, with unit tests to validate data parsing and normalization logic.

Cyber Security Engineer | Sorama

Mar 2024 – Feb 2025

Eindhoven, The Netherlands

- Defining and prioritizing tasks for improving the overall information security strategy of Sorama as part of working towards the obtainment of ISO27001
- Wrote the information security policy and implemented changes to enforce their compliance
- Worked with Microsoft Defender, Intune, Purview, AzureAD, HyperV, Cisco Meraki

Intern - Virtual Infrastructure Architect | ASML

Sep 2023 – Mar 2024

Veldhoven, The Netherlands

- Design of a sandbox environment for translating physical network components of a lithography machine into a virtualized form factor for development purposes.
- Involved in the configuration of Juniper enterprise switches and routers. Working with EVE-NG network emulation tool, type 1 hypervisors such as VMWare ESXi, setting up KVM Servers and the definition of XML for the virtual infrastructure.
- Involved with setting up and managing the physical infrastructure in the data center on site, which was required for developing and experimenting on this assignment.

EXTERNAL ASSIGNMENTS

AUTOMATE THE BORING STUFF WITH TERRAFORM | [SUE](#)

📅 Sep 2022 – Jan 2023

📍 Eindhoven, The Netherlands

- Designed 3 tier, Multi-AZ, Multi-Region secure and scalable AWS ECS Fargate infrastructure architecture for an automation app written in Python with CI/CD
 - Automated the deployment of the application and the infrastructure with Terraform
 - Responsible for monitoring solution implementation with Grafana and Prometheus
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AWS EKS CLUSTER | [SUE](#)

📅 Oct 2022 – Jan 2023

📍 Eindhoven, The Netherlands

- Automating the deployment of a 3 tier, Multi-AZ, Multi-Region, Scalable EKS cluster with CI/CD pipeline and fully translated and automated with Terraform and the art of scripts
 - Helping with the backend development of the flask automation application to be hosted on the infrastructure
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EDUCATION

HBO ICT & Cyber Security | [Fontys University of Applied Science](#)

📅 Sep 2021 – July 2025

📍 Eindhoven, The Netherlands

This study track teaches you how to offer, manage, monitor, and secure ICT resources, both on-premises and in the cloud. Hyper-V, Docker, Python, AWS, Ansible, Terraform, and Kubernetes were among the major subjects covered over semesters. In addition, the cyber security track covered best practices for system and network hardening, as well as network and web penetration testing.

Software Development | [Secondary Technical Highschool](#)

📅 Sep 2016 – May 2021

📍 Gabrovo, Bulgaria

Technical studies included extensive learning of OOP with C++, and web development which involved HTML, CSS, and basic JavaScript. Furthermore, we covered some SQL, Database Design, and working with MS Access. The study also covered some topics such as hardware and technology, basic networking, and subnetting.