TUSHAR SHINGRANI

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Third-year ICT - Cybersecurity & Infrastructure student at Fontys University of Applied Sciences in Eindhoven, originally from Curaçao, with a strong interest in cybersecurity and cloud technologies. Proactive and motivated, with basic experience in Active Directory, networking, AWS, and Cybersecurity. Driven to further develop in an Information security role, with a passion for technical support and problem-solving.

PROJECTS

SETTING UP AND ATTACKING AN AD ENVIRONMENT

Personal Project, 2023

- Set up a basic Active Directory environment.
- Simulated various cyberattacks to identify vulnerabilities.

BASIC NETWORKING LAB:

University Project, 2023

- Configured network topologies and performed packet analysis.
- Set up VLAN configurations to manage network traffic.
- Configured PFSense for firewall, OpenVPN and network security

AWS CLOUD SETUP:

University project, 2024

- Deployed a scalable web server on an EC2 instance within a VPC. (Infrastructure automation using Terraform and Ansible.)
- Configured a peering connection between a database and a VPC in another region.
- Implemented an Application Load Balancer and set up domain names via Route 53.
- Designed a failover mechanism with Route 53 and health checks: in case of a load balancer failure in Frankfurt, traffic automatically switches to Ireland.
- Configured sticky sessions for load balancing to keep users connected to the same instance.
- Used AWS services such as S3, EC2, VPC, Route 53, CloudWatch, and CloudTrail.

CYBER SECURITY Offensive & Defensive:

University project, 2025

- *Attacking DVWA web application and understanding OWASP Top 10.*
- *Implementing SDR based Wi-Fi signal jamming detection system.*
- *Understanding Software Security best practices and principles.*
- *Blue Teaming & Red Teaming Assignments.*

EDUCATION

HBO BACHELOR ICT

Specialization: ICT Cybersecurity & Infrastructure

FONTYS UNIVERSITY EINDHOVEN (SEPT 2023 - PRESENT)

- Propedeutic received in 2024

CERTIFICATIONS & ACHIEVEMENTS

- Propedeutic received - Fontys Hogeschool, 2024
- Learning Linux Command Line - LinkedIn, 2023
- Systems Security Certified Practitioner (SSCP) - ISC2, 2025

TECHNICAL SKILLS & LANGUAGES

- Operating systems: Windows server, Linux
- Networking: TCP/IP, VPN, DNS, DHCP
- Cybersecurity: Currently Studying (basic)
- Cloud Platforms: Azure (basic), AWS
- Programming & scripting: Python, Ansible, Terraform, SQL
- IT Tools: Nmap, powershell, VMware, Microsoft Office, Burpsuite, Metasploit, Hashcat, Bloodhound.
- Containerization: Basic knowledge of Docker & Kubernetes

- English: Advanced
- Dutch: Professional proficiency
- Hindi: Professional proficiency
- Papiamentu: Professional proficiency
- Spanish: Basic

WORK EXPERIENCE

CYBER SECURITY INTERN (DevSecOps) - Shield Team (FcDevEnv):

ASML, Eindhoven, Netherlands - September 2025 – January 2026

- Performed security focused analysis across infrastructure components and development environments.
- Worked with engineers and stakeholders to capture security requirements and integrate them into workflows.
- Researched and applied 'shift-left' DevSecOps practices to strengthen pipeline security.
- Built and tested policy and CIS compliance controls using Ansible, OPA and Rego.
- Provisioned secure cloud infrastructure using Terraform and automated configuration with Ansible.
- Developed and hardened PoC CI/CD pipelines in Azure DevOps, with automated security checks and policy enforcement.

PART-TIME IT-WORKING STUDENT:

Amarant ICT, Tilburg, Netherlands - March 2025 – July 2025

- Provided on-site support as a floorwalker and managed cable organization.
- Installed and configured Windows OS on laptops.
- Handled first-line IT support inquiries via phone.

PART-TIME CUSTOMER EXPERIENCE ENGINEER:

Axians, Eindhoven, Netherlands - December 2024 – June 2025

- First-line support representative for the healthcare sector, managing incoming calls and IT support requests.
- Gained experience with Intune, Microsoft Active Directory, Topdesk, ServiceNow, and Anywhere365.

PART-TIME SHELF STOCKER:

Albert Heijn Supermarkt, Eindhoven, Netherlands - December 2023 – November 2024

- Responsible for restocking shelves and assisting customers in finding products.
- Developed teamwork and time management skills while balancing work and studies.