

Márton Rasek

Senior Senior Infrastructure Engineer

SUMMARY

Engineer with extensive experience in network security and DevOps, holding a BSc in Electrical Engineering and Informatics. Over 9 years in the industry, showcasing a proven track record with high-profile employers like Cisco and Deutsche Telekom. Mastered languages and technologies like GO, Python, Docker, and Kubernetes, contributing to the improvement of security practices and infrastructure efficiency. Possessing key certifications including CISSP, OSCP, and various Cisco credentials. Distinguished by significant contributions to open-source projects on GitHub and by developing innovative solutions to manipulate packets and optimize cloud platforms capabilities.

TECHNICAL SKILLS

Main Technical Skills	Azure DevOps, Usability tests, Go, Python, Docker
Programming Languages	Go, Python, VBA
AI & Machine Learning	Neural Networks
Java Libraries and Tools	Spring Core
.NET Platform	VBA
Azure Cloud Services	Azure DevOps, Azure VM
Deployment, CI/CD & Administration	CI/CD, Jenkins
Virtualization, Containers and Orchestration	Docker
Mail / Network Protocols / Data transfer	FortiGate
iOS Libraries and Tools	MDM
Methodologies, Paradigms and Patterns	microservices, OOP
QA, Test Automation, Security	Nmap, QA Automation, Usability tests
Other Technical Skills	CIS Benchmarks, Cisco ASA, VxLAN

WORK EXPERIENCE

Security DevOps Specialist, Security enhancements for CI/CD pipelines

Duration: April 2019 – November 2019



Summary: Integrated security tests into CI/CD pipelines and automated security testing for container-based products.

Responsibilities: Integration of security tests, automation of security tests, vulnerability scanning, port scanning, and web application vulnerability scanning.

Technologies: Python, Ansible, Jenkins, Nessus, Anchore, Nmap, Burp Suite

Datacenter Solution Specialist, Datacenter Solution Testing and Hardening

Duration: October 2017 – March 2019

Summary: Conducted system level testing and security hardening of datacenter solutions.

Responsibilities: System level testing, security hardening, CIS benchmarking, vulnerability scanning, port scanning, automation of execution, and responsibility for laboratory environments.

Technologies: Openstack, SDN, Nessus, Nmap, Python

Support Level2, Application Performance/Network Analysis

Duration: August 2016 - October 2017

Summary: Managed and optimized application performance, conducted report analysis, troubleshooting, and administrated devices.

Responsibilities: Application performance monitoring and optimization, report analysis, troubleshooting, problem solving, and device administration.

Technologies: Riverbed, Ipanema

System Engineer, Network Configuration and Design

Duration: March 2016 - July 2016

Summary: Configured VPN, NAT, and packet filtering, and designed networks for small to medium-sized companies.

Responsibilities: Configuring VPN, NAT and packet filtering, network designing, monitoring and administration of devices, and end-to-end responsibility for network projects.

Technologies: Cisco ASA, Fortigate, Zyxel, TP-Link

Webstore Administrator, Webstore Administration

Duration: July 2015 - February 2016

Summary: Administered company websites and webstores.

Responsibilities: Administration of company websites and webstore platforms.

Technologies: E-commerce platforms

Network Solutions Bank Division Trainee, Testing of Cisco Network Solutions

Duration: June 2014 - January 2015

Summary: Tested new features and verified the potential side effects of software updates on network solutions.



Responsibilities: Testing new features, verifying side effects of software updates, and conducting regression tests.

Technologies: Cisco features (NBAR2, DPI)

EDUCATION

- **Electrical Engineering BSc**
- Faculty of Electrical Engineering and Informatics, Budapest University of Technology and Economics
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- **National Training Registry - IT network operator**
- Jedlik Ányos High School of Engineering and Information Technology, Győr
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- **Maturity Exam**
- Jedlik Ányos High School of Engineering and Information Technology, Győr

CERTIFICATION

- **Certified Information Systems Security Professional (CISSP)**
- **Offensive Security Certified Professional (OSCP)**
- **Cisco Certified DevNet Associate**
- **Microsoft Certified: Azure Security Engineer Associate**
- **Microsoft Certified: Azure Fundamentals**
- **ISTQB - Advanced Level Security Tester**
- **Juniper Networks Certified Associate, Automation and DevOps (JNCIA-DevOps)**
- **ISTQB - Certified Tester Foundation Level**
- **Cisco Certified Network Associate Cyber Ops**
- **Riverbed Certified Solutions Associate WAN Optimization**
- **Cisco Certified Network Associate Routing and Switching**
- **Microsoft Technology Associate: Security Fundamentals (98-367)**
- **Microsoft Technology Associate: Windows® Operating System Fundamentals (98-349)**
- **Microsoft Technology Associate: Networking Fundamentals (98-366)**
- **National Training Registry - IT network operator (54 481 03 0010 54 01)**
- **National Training Registry - Computer Mechanic (33 523 01 1000 00 00)**

