Vojta Stoklasa

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SUMMARY

Passionate and detail-oriented Network Engineer with a strong background in IT networks, cybersecurity, and automation. Experienced in designing, configuring, and troubleshooting network infrastructures, including switches, firewalls, and routers. Adept at working in hybrid environments with a focus on security best practices and compliance. Strong analytical thinker with hands-on experience in Windows/Linux environments, virtualization, and penetration testing. Enthusiastic about continuous learning and professional development.

SKILLS

Design and configuration of IT networks (ABB rules, reference architecture, cybersecurity policies)

Configuration & troubleshooting of network elements: switches, firewalls, routers

Cybersecurity & Penetration Testing: Vulnerability scanning, network hardening, IDS/IPS

Network Protocols: TCP/IP, VLAN, VPN, BGP, OSPF, DNS, DHCP

Virtualization & Cloud: Proxmox, VMware, Docker, KVM, Hyper-V

Windows/Linux Administration: Active Directory, DNS, GPO, Server Management

Scripting & Automation: Python, Bash, PowerShell

EXPERIENCE

Plexplus s.r.o.

IT Support Technician *June 2024 – present*
- Provided support for end users
- Delivered automated solutions solving everyday IT tasks
- Resolved various issues

Freelance Work

Network Field Engineer *December 2024 – present*
- Provided installations of devices on customer premises in coordination with remote Network team

Cybersecurity Consultant & Software Developer *June 2023 – present*
- Conducted security assessments and penetration testing for various clients
- Developed secure applications and automated security processes
- Developed virtualization solutions for automation of their solution

Semantic Visions

Software Engineer *April 2022 – March 2023*
- Rebuilt the data processing pipeline to enhance efficiency and scalability
- Contributed to backend architecture and performance optimization
- Utilized front-end skills to fix issues in API testing, involving some React development
- Supervised a junior teammate, fostering their growth and development

ESC Aerospace s.r.o.

Software Engineer *March 2021 – February 2022*
- Provided analysis of communication standards and best practices provide by European Space Agency
- Developed subroutines for testing the integrity of space satellites
- Contributed to the development of BCI robotic arms for exoskeletons, focusing on data processing and visualization
- Managed APIs and automated testing processes
- Led requirement gathering and task delegation within the team

FSP a.s

Fullstack Engineer *September 2018 – December 2020*
- Led the integration of an internal framework, adding new features and functionalities
- Created a proof-of-concept project to demonstrate potential improvements
- Assisted with the security aspects of backend models and APIs
- Developed secure life insurance systems designed for long-term use

Software Analyst/Developer

Software Analyst/Developer *January 2018 – September 2018*

Developed in-house projects with a focus on security
Analyzed call center problems and provided secure solutions
Worked with JavaScript and C# to implement new features
Collaborated with the Data Science team on AI analysis, providing insights
and workshops

Siemens s.r.o **RPA Automation Developer** *January 2017 – November 2017*
Designed and developed automation processes for back-office operations
Led the development of global accounts control systems
Utilized UML structures, Visual Basic macros, PowerShell scripting, and
regex to achieve automation goals
Analysed process flows described in UML and adjusted for current standards
and security measures

TOOLS

JavaScript, TypeScript, npm, webpack, yarn, ReactJS, babel, Python, Flask,
PyTest, TensorFlow, PyTorch, panda3d, pandas, SQL Oracle, MSSQL, sqlite,
PL/SQL, C/C++, FreeRTOS, C#, .NET, Mono, VisualBasic, Entity, NHibernate,
BurpSuite, nmap, PowerShell, Wireshark, amass, tmux, nginx, make/cmake,
legba, Nikto, ZAProxy, Metsaploit, SMB, SOAP, REST, Ollama, XML, Zabbix,
QEMU, KVM, Hyper-V, ProxmoxVE, Docker, Vagrant, Virtualbox, FreeRTOS, vhdl,
fpga, assembly, nasm, gdb, radare2, UiPath, BluePrism, git, AWS, GCP,
Jenkins, bash, esp32, Jekyll, Markdown

LANGUAGES

Fluent: EN, CS

Learning: RU, DE, CN

EDUCATION

FIT ČVUT, Prague **Information Technologies**
September 2017 – February 2019
Gained essential computer science principles and analytical skills
Developed a comprehensive outlook on problem analysis and solution
development
Cultivated a strong interest in hardware and software integration

SPŠei Kratochvílova,

Ostrava **Electrical Engineering**
September 2013 – June 2017
Studied automation, AD/DA converters, and related mathematics
Learned to control microchips, design electrical circuits, and analyze
technology
Developed a solid foundation in electrical engineering principles

ADDITIONAL_INFO

Willing to travel extensively (up to 50%).
Passionate about network security, homelabs, and IT automation.
Active participant in Hack The Box and cybersecurity research.
Enthusiast of open-source solutions and DevOps practices.

FREE_TIME

I play many string instruments and create my own music, sometimes using my
own synthesizers. I enjoy capturing moments with analog cameras, avoiding
modern technology. Reading about medicine or cybersecurity is a significant
part of my leisure activities. I also maintain a homelab for hands-on
learning and enjoy participating in cybersecurity challenges on platforms
like Hack The Box.