

# Tomáš GRYGIER

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## Lead Network Engineer

Ostrava, Czechia | +420 770 176 052 | tomas.grygier@gmail.com |

LinkedIn (<https://www.linkedin.com/in/tomas-grygier/>)

Experienced Network Engineer with over 15 years in enterprise WAN, LAN, and SD-WAN infrastructure. Certified in Cisco, Juniper, Versa, Silverpeak, and Riverbed technologies, with expertise in network troubleshooting, architecture design, automation (Python, Ansible), and operations in large-scale service provider environments. Proven success in driving complex network transitions, performance optimization, and critical infrastructure support.

## Experience

### Customer Lead Engineer

#### Verizon Enterprise August 2019 - Present

- Led NOC management takeover projects for several large global enterprises.
- Contributed to transitions of MPLS customers to Viptela/Cisco SD-WAN and to Silverpeak SD-WAN platforms.
- Managed a global Cisco SD-WAN network (vEdge, cEdge ISR-1100 and Catalyst 8200).
- Oversaw global wireless networks (Cisco, Aruba), WAN (MPLS, DMVPN, SD-WAN – Cisco, Silverpeak, Versa) and wired LAN (HPE/Aruba and Cisco Catalyst).
- Managed Zscaler (ZPA, ZIA) for a cloud-based customer.
- **Achievements:**
  - Deployed automation in 2019, reducing incident workload by hundreds per month.
  - Recognized by the customer's CTO in 2020 for a critical role in ransomware mitigation.
  - Credited in 2021 for improving the Network Emergency Kit process, accelerating recovery during full site outages.
  - Developed custom automation in 2023 to meet unique SD-WAN notification requirements for a new customer.

## **Network Consultant**

### **Freelancer**

*August 2024 – Present*

- Design and implement network solutions for small business clients.
- Provide network designs and on-site implementation.
- Develop automation tools focused on API integration using Node.js, Python, and PHP.
- Deploy solutions based on Ubiquiti and MikroTik hardware.

## **Center of Excellence Engineer**

**Verizon Enterprise** *September 2018 – July 2019*

- Provided 3rd line support for operations teams. Daily tasks included network management for large-scale global customers: incident resolution, change implementation, patching, and security management.
- Maintained Cisco WLAN infrastructure (55xx controllers) and led migration to Catalyst 9800.
- Led site transformations to Aruba Central for wired and wireless LAN.
- Created training materials and documentation for new network products and solutions.
- Translated business requirements into network solutions.
- Acted as a liaison between operations teams and business stakeholders.
- **Achievements:**
  - Maintained strong relationships, contributing to satisfaction scores above 8/10.

## **Senior Network Engineer**

**Verizon Enterprise** *September 2010 - August 2018*

- Operated Verizon's global IP backbone with Cisco ASR9k, ESR10k, GSR12k, and Juniper MX series.
- Collaborated with other ISPs to resolve major outages.
- Specialized in incident resolution, root cause analysis, multi-vendor collaboration, and vendor escalation handling.
- **Achievements:**
  - Accelerated DSL product onboarding in 2012, enabling faster service launches.
  - Identified a critical bug in Cisco C3800 in 2015, preventing degraded services and RMAs for hundreds of customers.
  - Contributed to Verizon's first Cisco IWAN deployment in 2016.

## Junior Network Engineer

**Verizon Enterprise** *July 2009 - August 2010*

- Provided Tier 1 support for public IP business customers.
- Monitored and managed xDSL, Ethernet, and SDH circuits, as well as customer premises equipment.
- **Achievements:**
  - Awarded “Best Engineer” in 2010.

## Projects

### Network Academy

**Verizon Enterprise** *September 2014 - December 2020*

- Co-founded an in-house networking academy to support certification training.
- Trained 40 engineers annually, with 100 % success rate at certification exams.
- Delivered preparation courses for Juniper and Cisco.
- Migrated physical training lab to a virtual environment (ESXi, EVE-NG) reducing operational cost and increasing training capacity.

## Skills

- **Networking:** Cisco IOS, AirOS, Junos, Versa, Silverpeak, Riverbed
- **Automation & Programming:** Python, PHP, JavaScript, TypeScript, Ansible
- **Tools & Platforms:** Wireshark, Iperf, Git, React, EVE-NG
- **Soft & Professional Skills:** Troubleshooting, stakeholder communication, documentation, team collaboration, adaptability, self-motivation, solution orientation
- **Driving License:** Category B

## Education

### Master's Degree in Telecommunication

**VŠB - TU Ostrava** *2007 - 2009*

- Graduated with honors in Optoelectronics, Security, and Diagnostics
- Recognized by the rector for outstanding academic results

### Bachelor's Degree in Information Technology

**VŠB - TU Ostrava** *2004 - 2007*

- Thesis: Diagnostics of Wireless Devices
- Recognized by the rector for academic excellence

## Languages

- **English:** Fluent
- **Czech:** Native
- **German:** Basic
- **Polish:** Basic

## Interests

- **Hobbies:** Enthusiastic long-distance trail runner, road cyclist, and explorer of network technology trends.