

Anton Tofft

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EXPERIENCE

Motorcycle Trip

2021 July – Current

Sabbatical to ride a small 250cc bike from Sweden to South Africa.

Bahnhof AB | Head of Network Development

2019 Aug – 2021 June

Python, Ansible, Jinja2, Napalm/Nornir, Prometheus, Grafana, Alertmanager

- Migrated entire monitoring/alerting legacy platform to a Prometheus based stack. This allowed for increased visibility and integration of metrics as well as reduced alert fatigue.
- Oversaw development and migration of a CGNAT system based on VPP & FRR from legacy NAT servers. This led to a tenfold increase of NAT capacity with less hardware.
- Built a API based resource management system to centrally handle assignment of logical and physical networking resources to devices/services.
- Created a templating platform to manage all jinja2 templates and variables for services/devices.
- Developed the backend for a new topology tool to assist with capacity planning and troubleshooting.

Bahnhof AB | Network Engineer

2016 Jan – 2019 Aug

OSPF, BGP, LDP, RSVP, xWDM, REST API, RPKI, Python, Bash, Cisco, Huawei

- Part of core team that migrated national ISP backbone from 10G to a 100G active DWDM system. Responsible for migration and redesign from iBGP full-mesh to hierarchical RR setup for increased scalability with add-paths/best-external for reliability.
- Implemented and standardized configuration templates/guidelines for all services and devices.
- Created and wrote troubleshooting guidelines for support team and assisting 3rdline.
- Implemented a new IGP cost scheme which simplified and allowed intra-city traffic to rely on ECMP.
- Redesigned eBGP and iBGP policies for more granular traffic engineering and standardized configurations which eliminated all “one-offs” in configuration.
- Worked closely with sales department and designed a 4G backup service for remote offices utilizing DMVPN based on customer requirements.
- Designed and implemented a QoS strategy from Core to Access, allowing for separation of consumer, business, voice and management traffic.

TDC A/S | Network Support Engineer

2015 June – 2015 Dec

- Second/Third level fault handling for MPLS and Internet services for AS3292 on Cisco IOS and JunOS.

Telia Sweden | Network Technician / Summer and Part-Time job

2013 Oct – 2015 June

ITIL, L2/L3 MPLS VPN, BGP, QoS, OSPF, EIGRP, RIP, TCP/IP

- Support for AS3301 customers on national and international connections with high SLA requirements involving multiple subproviders on various transmission mediums such as copper, fiber and 3G/4G.
- Troubleshooting mainly on Cisco and HP equipment.

EDUCATION

University of Skövde

2014 Aug – 2015 June

Bachelor's degree in Information Technology – (*Incomplete, missing thesis*)

University of Jönköping

2012 Aug – 2014 June

Associate's degree in Networking

MERITS

Certificate: CCNP R&S – CSC012180339

2013 - 2016