

Experience

Novo Nordisk A/S

Apr 2021 - Oct 2025

Main focus:

- Design new secure WAN solution with cloud access and SASE.
- Plan migration from iWAN to SDWAN and create tools to harvest old iWAN router configuration and create new needed SDWAN configuration. Tools were based on python / pipelines / Terraform.
- Build new WAN IaC solution based on Terraform / Pipelines with support from python scripts.

See attached file - “Job Description Senior Network Architect JEUT encrypted .pdf” for details.

NNIT (System Integrator)

Subject Matter Expert | CCIE #36701 SP & DC

Jan 2020 – Apr 2021

Main focus:

- Cisco SDWAN - Majority of 2020/21 was used on a Novo Nordisk SDWAN PoV.
- Cisco ACI and Nexus datacenter – Beside the above SDWAN project I have been architect on one new ACI customer project and some traditional Datacenter task (replace technologies/technical debt removal)
- Cisco SDA - Been mentor for colleagues on technologies like SDA/MPLS/BGP/QoS etc.

In 2020/21 50-60% of my time was used on Novo Nordisk Projects, 20-30% ACI project, the rest of my time has been used on presales tasks and removing technical debt for NNIT DC.

Atea Denmark (System Integrator)

Senior Network Architect | CCIE #36701 SP & DC

May 2012 – Dec 2019

Main focus:

- 2012: Service Provider architect for some of small provider's. Mapping business requirements to technical network solutions.
- 2014: Architect on Traditional and ACI Datacenter's. Imperative and declarative based datacenter solutions for agile support of business requirements.
- NetDevOps projects since 2016 mainly ACI automation.
- In 2018 SDN/DNA was added to my focus areas.

Relevant assignments/projects in my time with Atea:

- Service Provider 2013-2017: Lead architect in the merger of two service provider networks. New MPLS core, DWDM platform, migration of IGP from OSPF to ISIS, PIM-SM to PIM-SSM, QoS etc.
- 4 Service Provider ACI-datacenters.
- 2 Enterprise ACI-datacenters.
- Cisco DNA (2018): Cisco SD-Access. DNA-C/SDA architect on one DK Top5 enterprise.

Nianet (start-up/service provider)

Network architect

Dec 2003 – May 2012

Primary focus defining/determining business requirements and creating technical solutions supporting our business requirements. Nianet was a startup service provider that was built on the remains of a bankruptcy after KPN quest (only the pops and fiber were reused). I was the first network engineer in nianet. When I started in 2003 there was no active network and no product defined. In my role as Network architect I designed the network (WDM, MPLS, QoS) and all the services nianet offered in the early years. I left nianet when nianet won the Danish government from TDC. MidtVest Bredbånd and Fuzion were acquired and migrated into nianet infrastructure.

SEC DataCom a/s (distributor)

May 2003 – Nov 2003

Network Engineer

Network Engineer for Wireless from Trapeze Networks, WDM from Transmode, Extreme Networks, Softswitches and VoIP solution.

Extreme Networks (manufacturer)

System Engineer

May 2000 – May 2003

Focus on Enterprise, Service provider and Tenant solution.

- Tenant Solution; housing association
- Implemented the network for the first triple play solution in Denmark with IpTV, Voip, Vod and Internet.
- Designed the infrastructure for several +5000 Tenant solutions

Devoteam Fischer & Lorenz (advisor)

Security and network consultant

May 1999 – Apr 2000

Designed the first version of Post Denmark's "track and trace" datacenter network and security setup.

NetDesign (System Integrator)

Product Manager / System engineer

May 1995 – May 1999

Presales manager and System engineer for Cabletron, Extreme Networks, Fore System etc. Presales for ABC "Anything but Cisco".

Dataco (manufacturer)

Support Engineer, data communication

Dates Employed 1990 – May 1995

- the first year's primary aftersales support.
- The last three years presales and product design.
- Dataco was a vendor of Ethernet products such as routers, bridges, switches and gateway products to mainframes from IBM/Digital/Siemens etc. All products are based on the OSI protocols. Dataco was later sold to Intel.

Marital status

- Married, 2 children, born 1964.

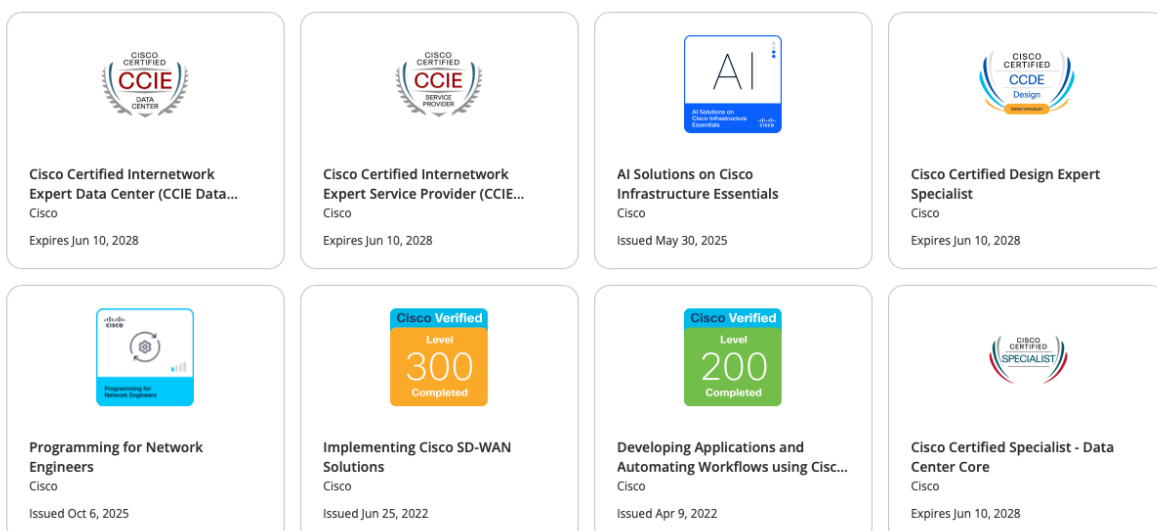
Education

- Ingeniørhøjskolen Københavns Teknikum 1985-1989.
- Bachelor of Applied Science ([B.A.Sc.](#))

Training and Certifications

- 2012 - CCIE#36701 - Service Provider.
- 2015 - CCIE#36701 – Datacentre.
 - CCIE Cert Expires June 2028.

Link to certifications - <https://www.credly.com/users/jens-peter-understrup>



Cisco Application Centric Infrastructure skills/experience.

- 2015-September
 - INSBU ACI Special 5-Day Training ATEA SWEDEN
 - On foundational ACI concepts
 - Develop ACI configuration
 - Demonstration
 - Avoiding common mistakes
 - Troubleshooting skills
- 2016-Q1:
 - First external customer on version 1.2(1m), ACI as underlay/overlay to a VMware NSX/VSAN installation.
- 2016-Q2-3:
 - First multipod solution version 2.0 four sites.
- 2016-Q4:
 - First servicegraph solution version 2.3.
- 2017-January:
 - Advanced ACI Troubleshooting (2-day)
 - Two-day special, advanced deep-dive technical training to cover the areas of more advanced knowledge around ACI Fabric day-2 operations and troubleshooting. Our instructor is an ACI Technical Leader in Cisco TAC. This course requires existing working knowledge of ACI.
- 2017-Q2-3:
 - First Multicast setup version 2.3/3.0.
- 2017-Q3-4:
 - First GOLF setup version 3.0 ASR9k as WAN routers.
- 2018-January:
 - Advanced ACI Troubleshooting (3-day)
 - Cisco ACI Troubleshooting (CATS) v1.0 course, a 3-day intensive troubleshooting training that provides engineers with knowledge and hands-on experience based on lecture and lab activities. Cisco is working to bring an advanced ACI Troubleshooting course aimed at increasing ACI partner practical knowledge.
- 2014-2019: Cisco Partner Virtual Training Datacentre two times per year.