

# RASMUS BENGTTSSON

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## EDUCATION

Luleå University of Technology (LTU) 2021 – 2027 (expected)

*MSc Computer Engineering – Information and Communication Technologies* Luleå, Sweden

- Currently studying part-time while working with datacenter ops at RISE ICE Datacenter

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## PROFESSIONAL EXPERIENCE

RISE Research Institutes of Sweden – ICE Datacenter 2025 –

*Research and Development Engineer* Luleå, Sweden

- Administering infrastructure at one of Europe's largest research datacenters
- Managing networking across a multi-vendor environment including MikroTik, Dell, Cisco, and Ubiquiti
- Operating Ceph distributed storage clusters
- Working on ISO 27001 certification through designing and implementing a multi-tier environment with strict networking and authentication, over a wide variety of compute types
- Migrating the networking stack from legacy solutions to using open-source firewall and routing solutions as well as expanding networking throughput for future storage and compute needs

Netcoil 2022 – 2025

*IT Support Technician* Luleå, Sweden

- Provided technical support via phone and email, handling hardware provisioning and PC builds for business clients
- Worked as a consultant handling technical customer support for our sister organization
- Developed an internal tool for automated receipt generation integrated with our payment service

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## LUDD - LULEÅ ACADEMIC COMPUTER ASSOCIATION

Systems Administrator (ROOT team) 2021 –

Luleå, Sweden

- Co-managing a 200-node Open Compute cluster serving students and researchers at LTU
- Deployed and maintained the full HashiCorp stack (Nomad, Consul, Vault/OpenBao, Terraform) as core infrastructure
- Designed and operating a Kubernetes platform with ArgoCD GitOps, MetallLB with BGP peering, and Traefik ingress with dynamic TLS via Vault
- Built and maintained microservices and internal tooling for the student community
- Collaborated with LTU IT-Services on network security improvements and service hardening

Chairman 2022 – 2024

Luleå, Sweden

- Led the board of one of Sweden's most active academic computer associations
- Managed finances, bookkeeping, and member relations across a 200+ member organization
- Planned and executed major renovation of the datacenter and members area in coordination with the state body for academic infrastructure (Akademiska Hus)
- Organized regular member and board meetings, events, and the association's 35th anniversary celebration

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**TECHNICAL SKILLS**

**Infrastructure & Orchestration** Kubernetes · Nomad · Consul · Docker · Proxmox · MAAS

**Networking** OPNsense · BGP · IPv6 dual-stack · MikroTik · Cisco · WireGuard

**Infrastructure as Code & Automation** Terraform / OpenTofu · Ansible · GitLab CI/CD

**Storage** Ceph · Btrfs · NFS

**Observability** Grafana · Prometheus · Loki / Promtail

**Security & Identity** ISO 27001 · Vault / OpenBao · LDAP · Keycloak

**Programming** Rust · Python · Bash · C#