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DevOps; when Ops enables Dev to take complete ownership of their services.

Experience

Nov '21–present **DevOps Consultant**, Zool Engineering, Gothenburg.



I help companies enable their software developers to take complete ownership of their services. Together we consider: how to plan, implement and collaborate on new features; how services are deployed and monitored; how feedback from users is aggregated and acted upon; and whatever is needed to take your organisation forward. The goal is to create an organisation where higher quality features reach the target user faster.

Dec '22–present **DevOps Lead and Platform Developer**, Toyota Material Handling

I am one third of TMH's Platform Team, responsible for ensuring our software developers have the resources they need, when they need them. We codify infrastructure resources to enable fast and accurate deployments, while also working to migrate TMH's software stack to "the cloud", allowing for each development team to get a better understanding of their products' life cycles.

Nov '21–Dec '22 **DevOps Transformation Leader**, KGH Customs Services (a Maersk Company)

When KGH was acquired by Maersk, I was brought in to help them transform their software suite to a cloud native offering. My work at KGH concerned two parts: (1) helping development teams migrate their applications from what ever their current state was, to a state where they could be deployed as containers in Kubernetes, but (2) more importantly, I helped imbue the DevOps mindset in the organization. Together, we worked to enable the development teams to take full ownership of their applications and completely own the life cycles of their services.

Jul '20–Nov '21 **Team Facilitator, Ambassador and Line Manager**, Ericsson (Packet Core), Gothenburg.



Together with a global workgroup I helped define the *Team Facilitator* role; An Ericsson tailored, operative leadership position, encompassing both mentorship and hands on work with the cross-functional teams. I was also an Ericsson Ambassador and University contact for Chalmers' Computer Science division. I spent my last six months at Ericsson as acting Line Manager.

Jun '21–Nov '21 **Line Manager (Acting)**

As acting Line Manager for the Packet Core Continuous Delivery and Deployment project, I gained invaluable insight in what it takes to lead a multi-team organization with team members from all over the world. During my time as Line Manager, I had the opportunity to work with recruitment, change management, and coaching team members in their careers.

Jul '20–Jun '21 **Team Facilitator**

As Team Facilitator, I was responsible for the performance of the project's four XFTs. I coached the teams in agile principles and helped them perform at their highest level. My goal was to imbue the DevOps mindset in the project and the developers I worked with. Being one of the most senior people in the project (see Software Engineer pos. below), I remained involved in architectural/design decisions for our different deployment pipelines.

Jun '18–Jul '20 **Software and Business Area Developer**, HiQ, Gothenburg.



In addition to my customer commitments I was responsible for HiQ's CI/CDD and AI/ML business areas. I held internal workshops on the topics and acted as advisor for our sales department.

May '19–Jul '20 **Software Engineer**, Ericsson (Packet Core), Gothenburg

Was one of the first team members to join the Packet Core's Continuous Delivery & Deployment project. The product is used to automate the upgrade procedure of Packet Cores' network functions, ensuring critical telecom infrastructure receive up-to-date software with zero downtime. I was involved in product design, development, testing and developing the build and deployment pipeline for the product.

Jun '18–May '19 **Software Developer**, Volvo GTT, Gothenburg

I was part of the Vehicle Automation group and helped Volvo GTT take the next step for automated trucks, buses, and construction equipment. My team — Transport Missions and Route Management — was tasked with fleet management, planning, and communication with the autonomous vehicles. At VA I developed the Continuous Integration (CI) tool chain for the Java and C++ based products in the project.

Sep '17–Dec '17 **Machine Learning Engineer**, Machine Intelligence Sweden, Gothenburg.



Worked with the product *Science Router*, a search engine for connecting industry and research. I was involved in all steps of the product development but focused mainly on data aggregation and parsing all articles into a unified format, to be stored and used for algorithm training.

Education

Aug '13–Jun '18

CHALMERS
UNIVERSITY OF TECHNOLOGY

BSc, MSc, MScEng, *Computer Science*, Chalmers University of Technology, Gothenburg.

I hold a BSc and an MScEng in Computer Science and Engineering. I also have an MSc in *Computer Science, Algorithms, Languages and Logic* and I concentrated my studies to machine learning, artificial intelligence and optimisation.

Theses: BSc: <http://bit.ly/2g04d3q> & MSc: <https://bit.ly/2tHBCZD>

Aug '11–Jun '12

Dalkarlså
folkhögskola 

Team Training School West (TTS), Dalkarlså Community College, Dalkarlså.

A theological education with emphasis on leadership. Not only did the education cast light upon the complexity that comes with organizing a large community, I also got a better understanding of the importance of structuring my own everyday work.

Tools

Azure



I have handled a plethora of different kinds of deployments for various customers: Scale sets for build agents and variable workloads, standalone VM deployments with custom images, managed Kubernetes services, and much more.

Azure DevOps



I love when all i's are dotted and all t's are crossed. I have experience working with Microsoft's collaboration tools (Azure DevOps and GitHub), Atlassian's suite (Jira, Confluence, Bitbucket) as well as GitLab, Gerrit and other VCSs.

Terraform



In the same way that it's crucial to have build and deployment pipelines to swiftly test and deploy code, Infrastructure as Code is key to enable fast and reliable deployments of *environments*. My IaC tool of choice is Terraform.

Boundary



Boundary is an excellent tool for managing VPN-like access for organizations. I have worked with both Boundary OSS and HCP Boundary and have configured both variants from scratch, in an Azure + on-premise environment.

Packer



When deploying virtual machines on a regular basis, Packer is an excellent tool to reduce deployment times and increase reproducibility. I have experience building images for various Linux distributions and Windows server versions, using Ansible and Azure as the backend.

Ansible



At TMHLS, we use Ansible wherever possible; both in combination with Packer for ensuring consistent VM images, but also for on-prem infrastructure deployments. I have written Ansible roles for Ubuntu, RHEL, SLES and Windows Server.

Docker



Used both professionally and for personal projects. TMHLS' product is composed of dozens of containers. At KGH we targeted Kubernetes with Docker images. At Ericsson I set up GitLab with Docker runners. I configured the CI/CD pipeline at VA with Docker and Docker Swarm.

Kubernetes



Kubernetes is a complex beast but I have spent the past couple of years in an attempt to tame it. I have experience both as a Kubernetes administrator (mostly as AKS) and application developer targeting the platform.

Python



Unless there's a good reason to pick something else, I will pick Python. I just really like the language and for my use cases (mostly scripting or non-performance critical projects) Python is great.

Bash



There's something satisfying (albeit a bit naughty) with piping together a string of bash tools and get exactly what you want as output, from a very complex input. But fear not, I can write readable bash scripts too, not only oneliners.

DevOps

In order to win the marketplace, your company must deliver higher quality software – faster. Making “the speed at which you deliver your high quality product” your highest priority, will force you to scrutinize all parts of your organization. No other key performance indicator will help you understand your planning, development, testing, deployment and support processes better. I have both the technical and managerial background necessary to help your organization forward; and I believe we do so by drawing from the DevOps principles.

Key interests

DevOps | Improvement of Daily Work | Automation | FOSS/Open Source | Transparency
Continuous Integration and Deployment | Agile | Continual Learning |   