

# Erik Thorsell

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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.

## Projects, Tools and Languages worth highlighting

**Terraform**



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

**Azure**



Out of the big CSPs, I have predominantly worked with Azure. I have experience deploying infrastructure using Terraform, the most complex being a private Azure Kubernetes Service (AKS) with a jump host VM to allow for break glass access to the API Server.

**GitLab CI**



Took part in migrating the CDD project at Ericsson from Gerrit + Jenkins to GitLab CI. Also shared the responsibility for the overall CI/CDD alongside my Team Facilitator obligations.

**GitHub (Actions)**



I have been using GitHub for almost 10 years, both for personal and professional projects. As part of my collaboration with KGH, I helped migrate projects from Azure DevOps to GitHub.

**Docker**



Used both professionally and for personal projects. I used Docker when I setup the CI/CDD tool chain at VA, to allow for versatile deployments and ease of maintenance, and at Ericsson we used Docker for GitLab Runners.

**Version Control**



Version Control is key. I have spent a lot of time thinking about and implementing version control at different companies. For versioning source code, I use git. When versioning binaries I have mostly used Artifactory.

**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.

**Svelte**



I wanted to learn web programming and thought Svelte seemed cool. For a while, I hosted a specialty coffee search/filter engine called [kaffefiltret.se](https://kaffefiltret.se) and the frontend of the project is written using Svelte. The project is no longer online, but the source code can be found [HERE](#).

**TypeScript**



When developing web applications I tend to steer away from vanilla JavaScript and opt for TypeScript. I find the typing gives me better control and increases my ability to debug and write high quality code.

**Golang**



During 2020's Advent of Code I decided to *not* use Python and attempt to get onto the leaderboards. Instead, I opted to learn something new → Golang. I really liked it and would like to work more with the language.

**Jenkins**



Experience creating pipelines for building and testing applications written in Java, Python, Javascript, and C++. I also have experience with JCasC as well as hosting Jenkins and its agents in Docker swarm.

**Spinnaker**



An open source orchestration tool that we used, in the CDD Project at Ericsson, to deploy software in customers' networks. I have used various kinds of Spinnaker Pipelines and have experience integrating with the Spinnaker API.

**Key interests**

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