

# Bjørn Tore Svinningen

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## Summary

A skilled professional with a passion for knowledge and a genuine interest in various fields such as programming, networks, security, Linux, philosophy, music, electronics, farming, and more. In 2017 I decided to change focus from infrastructure to Go development. My multidisciplinary background often provides me with the ability to handle challenges from diverse angles, making me an effective contributor to successful product and business development and adept at solving problems within projects or independently.

## Professional Experience

Been working with Data centers, Network, Security, Servers, and Monitoring since 1997, and made the switch to Development in 2017. Are now often found somewhere inbetween the code and the infrastructure 😊

I've chosen to focus on Go as my primary language, but do also have a good understanding of other languages like Python, Bash, JavaScript.

Creator of **ctrl** a fleet manager service.

Doc: [postmannen.github.io/ctrl/](https://postmannen.github.io/ctrl/)

Github: [github.com/postmannen/ctrl](https://github.com/postmannen/ctrl)

Before 2017 I was working as a Network Engineer and a lot of Linux for monitoring, logging and automation.

I've been part of building two cloud platforms on-prem from scratch. One cloud, and one edge cloud.

The most recent jobs and activities can be found below.

## **2024 - Present, Ikomm, Senior Security Engineer / Architect**

- Design and Build Security Platforms for municipalities.
- Contribute to finding and implementing improvements in processes and systems to reduce costs and increase efficiency.

## **2020 - 2023, Raa Labs, Contract**

- Build an Edge Cloud infrastructure/platform from the ground up for vessels sailing around the globe.
- Create an event driven infrastructure controller, [Steward](#) for [RaaLabs](#)
- Kubernetes on the Edge with K3s.
- Created various tools for modbus, Linux and automation services.

## **2017 - 2019, Study programming**

- Go and Software Architecture.

## **2004 - Present, Self Employee, Freelance**

- Go / Golang Development.
- Automation and orchestration.
- Network and server monitoring.
- Network lan / wan & security.
- Linux systems.
- IOT

## **2013 - 2017, Datamatrix AS, Senior Network Consultant**

- Part of a team building a cloud platform from scratch for the Norwegian market
- Network/Security architecture done with Cisco, Checkpoint and F5 on Datamatrix's Cloud provider network.
- Network and services monitoring based on Centreon/Nagios.
- Automation and orchestration of cloud services
- Scripting/Programming in Perl and JavaScript.
- Design and implementation of Monitoring platform counting 40k+ monitored services.

## **2012 - 2013, IPsoft, Senior Network Consultant**

- Senior Network Consultant.

- Technical Project Lead.
- Monitoring and Automation.

## **2008 - 2012, Steria AS, Senior Network Consultant**

- Network Design, implementation and management.
- Implementation projects of large and smaller customers: Planning, migration, customer relationship.
- Maintenance of Steria's datacenter's based on Cisco hardware.
- Network monitoring based on Centreon/Nagios.

## **2004 - 2008, Nortura, Senior Network Consultant**

- Responsible for Lan/Wan, Security.
- Maintenance and implementation of Linux and Windows servers.
- System monitoring based on Centreon/Nagios and other monitoring tools available on the Linux platform.

## **2004 - 2004, System, System Consultant**

- Maintenance of customer network, servers and computers.

## **1997 - 2003, Telenor Mobil, System Consultant**

- Network and server maintenance.
- 2nd line Customer support.

## **Technical Experience**

I like to know how technology and the value chain work as a whole so I can make decisions based on a holistic view. Other areas where I have good experience are:

- Operating systems with services: Linux and Windows.
- Monitoring systems.
- Logging systems.

## **Industries and verticals**

- IT Data Center, Service Provider and Cloud.

- Telecom.
- Farming and food production.
- Shipping.
- Municipalities.

## My Side Project

- I find great interest in Drones, IOT, and Code to get better control and results in agriculture. Based on an idea I have about making drones and AI available for small farmers as well as big, I've been working on a driver/controller for Parrot drones from scratch where the end goal is the help farmers get better insight in the status of the crops on the fields. [parrot driver in Go](#).

## Open Source

- All my code and learning material are put available on [Github](#). Hopefully for others to use, learn from, or for detecting issues in the code I have yet to know of.

## Some more examples of my projects and ideas are mentioned below

- Async management of servers/endpoints using Nats where everything is done with passing messages and concurrent. [ctrl](#)
- Traffic sniffer who lets you know what your computer actually communicates with, protocols in use, and more. [trafficmonitor](#)
- Driver for Parrot drones. [parrot](#)
- My repository from when I started with Go, for learning and testing out ideas and concepts, [go-learning](#)

## Things I plan to look more into in the future

- Use of Go with embedded devices and micro controllers.
- AI on the Edge.

## Education

### 1991-1995, Electronics, Certificate Of Apprenticeship

- 1991-1995 Electronics, Computer Technical/Hardware, Micro controllers, Pascal, ASM, Audio/Video.

# Languages

- Norwegian (native speaker)
- English