

# ANDRIKARO

## DEVELOPER

### ABOUT

Typescript developer, GNU/Linux enthusiast, Drone payload tinkerer

### WORK EXPERIENCE

#### Transporeon

<https://www.transporeon.com>

April 2023 – Present

#### Developer at Visibility Hub

Developer working with Typescript, K8s, Kafka, PostgreSQL, node.js powered by Google Cloud

##### Highlights

Getting more in-depth knowledge of the whole tech stack.

#### Transporeon

<https://www.transporeon.com>

June 2021 – April 2023

#### Junior Developer at Visibility Hub

Came in as a junior developer with no prior experience with K8s, Kafka, node.js, PostgreSQL or Typescript.

##### Highlights

Amazing collective to learn from. Couldn't put a price tag on these pair-programming sessions.

#### SkyCorp

March 2020 – April 2021

#### Hardware Integrations Engineer

Developed hydrogen fuel cell powered drone. I was responsible for integrating hardware to the autopilot.

##### Highlights

Worked Ardupilot and PX4 autopilots.

Developed LIDAR payloads

### CONTACT



Tartu, Tartumaa EE



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GitHub

[andrikaro](#)



LinkedIn

[andri-karo-756ab815b](#)

### EDUCATION

2018  
2022

#### University of Tartu

Did not graduate as COVID-19 forced me to find a job

Computer Engineering

2016  
2016

#### Tartu Vocational College

Vocational education

CNC Machinist

### SKILLS

#### Framework

Node.js

#### System

Docker

GNU/Linux

CI

Apache Kafka

K8s

Github Actions

ROS

Ardupilot/PX4

Debian-like

RHEL-like

## Jakobi Mäe Kultuurikoda MTÜ

<https://www.katoliku.edu.ee>

October 2019 – June 2021

### Python programming tutor - freelance

Preparing curriculum and teaching Python to students ages 12-16.

#### Highlights

Preparing curriculum was a great challenge. Enjoyed teaching.

## XF Systems

<https://www.xf.ee>

March 2019 – June 2020

### Junior GNU/Linux Systems Administrator

Remote Debian GNU/Linux system administration. Working with Cisco networking hardware and Dell PowerEdge servers.

#### Highlights

First IT related job.

## Estonian University of Life Sciences

<http://www.emu.ee>

October 2016 – February 2019

### CNC Tutor and Machinist

FANUC G-code programmer. Fusion 360 CAD/CAM. Created programs to mill with 3-axis mill and 2-axis lathe. Taught students Fanuc G-Code

#### Highlights

In this position I 'learnt to learn' as I initially did not have experience with Fanuc G-code.

## AWARDS

## Hardware

Raspberry Pi and analogs

Nvidia Jetson/Xavier families

IDS Cameras

Arduino and analogs

PX4 autopilot

## Softwares

Google Cloud Services

Fusion 360

## Databases

PostgreSQL

## Languages

Typescript - work with it daily

Python - mainly scripting

Java - School level experience

Minimal experience with C/C++

## LANGUAGES

Estonian

Native

English

B2/C1

Võro

Can understand but can't speak. Ancestrally should be my native.

## INTERESTS

### Camping

Campcraft/Bushcraft

Winter camping

Fishing

Foraging

### Choir singing

Tartu Academic Male Choir

Tartu Boys' Choir

2021

## University of Tartu

🏆 DeltaX Autonomous Drones competition fist place in all categories

Student drone competition. Crash course into ROS and PID controllers.

## DIY

Whittling/Woodworking/Carpentry

Construction

Electronics

IoT

Robotics, focus on drones

Long term food preservation

Leatherworking

Tailoring