

## Karli Udso

Location: Pärnu, Estonia

E-mail: [karli@supa.ee](mailto:karli@supa.ee)

Open to work: Full Stack Software Engineer, Senior Frontend Software Engineer.

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### Introduction

I'm a dedicated and passionate full stack developer with more than 8 years of hands-on experience in the tech field.

My journey in software development has taken me from tinkering on freelance projects to playing a pivotal role in developing comprehensive solutions for leading companies. I love challenging environments that give me the opportunity to work on projects that not only solve problems but also make a significant impact.

My approach to software development is rooted in collaboration, continuous learning, and a keen eye for detail. I prioritize creating secure, performant solutions, emphasizing clean, minimal, and straightforward code. This ensures not only the functionality and reliability of the applications I develop but also their maintainability and scalability for the future.

For me it's key to deeply understand the subject, whether it's business, code, or hardware. Since a young age, I've been interested in computers, learning, and developing myself.

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### Experience

#### Full Stack Developer at Mountbitch

**Mountbitch OÜ** - Tallinn, Estonia

*Jan 2019 - Present (>5 years)*

- Frontend + backend + devops + mobile apps
- Many different projects
  - **Eesti Energia AS** - developing an array of internal and customer-facing platforms for the Estonian national energy company
  - **Holm Bank AS** - developing all sorts of different things; both internal and external platforms, mobile apps, digital signatures with smart cards/integration platforms
  - **Confido** - developing a new solution for remote doctor consultations and self-service
  - **Ragn Sells AS** - developing for internal platforms to streamline operations
  - more smaller projects with various specialties
- Often helping and teaching interns or junior developers

#### Full Stack Developer at Estonian Defense Forces

**Estonian Defence Forces** - Estonia

*Oct 2019 - May 2020*

- Developing internal solutions during mandatory conscription period
- Working with different types of radio hardware and developing critical solutions for efficient communication and location sharing

### **Full Stack Developer - freelance**

#### **Freelance Development - Estonia**

*2016 - Present (>8 years)*

- Developing short-term projects as freelancer; either personal interest projects or contractual freelance
  - Example: **OÜ Pigipada** developing a platform to manage road surfacing work
- Developing for two start-up attempts with friends

### **Frontend Developer**

#### **ERPLY Retail Platform - Tallinn, Estonia**

*2018 - 2019 (1 year)*

- Developing as a junior developer
- Developed solutions for point of sale, inventory management, and reporting systems, improving operations for POS and back office customers.

### **Skills**

- Databases
  - mongoDB, redis, mariaDB/MySQL, postgresSQL, any
- Frontend
  - html5, css, scss/sass, javascript, typescript, react.js, react-router, next.js, vue.js, vanilla javascript, jquery
- Backend
  - spring, java, typeorm, tsoa, nodejs, typescript, thymeleaf, liquibase/flyway, kafka, rabbitmq, spark
- Frontend testing
  - cypress, detox, mocha, jest, puppeteer
- Backend testing
  - mocha, jest, junit, testcontainers, assertj, mockito
- Devops
  - linux, docker, jenkins, helm, kubernetes, aws
- Security
  - owasp, jwt, oauth, apereo cas
- Miscellaneous
  - php, wordpress
- General
  - git

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## Education

### **TalTech – Tallinn University of Technology**

Bachelor's degree, Information Technology  
2016 - 2019

- Not completed due to full-time work

### **Pärnu Koidula Gümnaasium**

High School Diploma  
2013 - 2016

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## Languages

- English (Native or bilingual proficiency)
  - Estonian (Native or bilingual proficiency)
  - Spanish (Elementary proficiency)
  - Italian (Elementary proficiency)
  - Russian (Elementary proficiency)
  - Finnish (Elementary proficiency)
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## Interests

- Software development
  - Tech innovation and new ideas
  - Continuous learning and self-improvement
  - Motorsports, cars, motorcycles, mechanical works
  - Travel and new environments
  - Movies, music, arts
  - PC gaming
  - Sports; tennis, running, bicycling
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