

# ELMERI NIEMELÄ

## Software Engineer

@ elmeri.niemela@aalto.fi    📍 Espoo, Finland    ☎ +358 40 417 1384  
in linkedin.com/in/elmeri-niemela/    📄 github.com/thecodebasesite

🌐 thecodebase.site



## EXPERIENCE

### Software Developer

#### Sprintit Oy

📅 May 2018 – Present    📍 Helsinki, Finland

- ERP-Software Development, using open source Odoo framework.
- Working closely with the customer to transform customer requirements into business code.
- Technical lead in our Odoo Accounting Package.
- Designing DevOps/Automated customer deployment with Ansible and integrating it into our own system.
- Automated testing (integration and unit).
- API Integrations to multiple services:
  - eInvoice integration with apix.fi
  - Salary Calculation integration with salaxy.com
  - Tax authority reports with ilmoitin.fi
  - Banking web services with biggest banks in Finland (i.e Nordea)
- Brainstorming ways of working and Agile development.

## ABOUT ME

- Highest motivation in life is learning
- The bigger the challenge the bigger the opportunity
- Problem-solving addict
- Teamwork minded
- Goals oriented

## SKILLS

Python, Java, Unix, Git, Ansible, API's  
Javascript, SQL  
NodeJS, ReactJS, MongoDB, C



Finnish, English  
German, Swedish



## EDUCATION

B.Sc, Finance

#### Aalto-University

📅 Sep 2017 – June 2020

Master's Programme in Computer Science

#### University of Helsinki

📅 Sep 2020 – June 2022

## PERSONAL TIME

- Volunteer at Slush 2017
- Gliding Aerobatics/Cloud soaring
- Programming projects
- Travelling with my beautiful girlfriend
- Investing/Stock Market
- Exercising with my dog

## PROJECTS

### Portfolio Website

- thecodebase.site is my handwritten portfolio containing a preview of my personal projects. It's based on Python-Flask back-end with MySQL-database, and Bootstrap for front-end styling.
- groceries.thecodebase.site is a MERN stack application that I wrote as a exercise and for managing our household groceries.

### Ansible Automation

- Since I got familiar on deploying business code with Ansible, I also automated the deployment of my personal projects:  
[https://github.com/thecodebasesite/mern\\_ansible](https://github.com/thecodebasesite/mern_ansible)

### Back-end management

- Instead of getting a hosted server for my projects, I decided to learn what it would take to be able to host my projects from my unused laptop at home. This helped me understand better the way internet is set up and the related terms such as port forwarding, DNS, gateways etc.
- After this I took over changing our DNS provider at SprintIT Oy.

### Algorithms and Data Structures

- My favourite courses in Computer Science have been related to algorithms and data structures. They give give a deeper understanding on how problems can be solved using computers.
- Personal project on writing all the basic data structures and algorithms with C (reinventing the wheel in the name of learning)

### Open Source

- All my personal projects and contributions can be found in [github.com/thecodebasesite](https://github.com/thecodebasesite)