


# Ada Pedersen

Software Architect with a passion for creating simple, efficient and scalable solutions.

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 Dordrecht, The Netherlands

## EXPERIENCE

### Software Architect/Engineer @ Karla

Sep 2022 - April 15 2023

Lead the (re)design of the backend system architecture for the core company product, configured and managed product infrastructure and integration of essential third-party APIs and other services.

### Software/Technical Architect @ Pixie Interactive

Nov 2021 - August 2022

Worked directly alongside the CTO with a small team on the design, planning and development of the core company product while leading the development on several external & internal services. Notably with a focus on modern, open-source technologies.

Additionally managed multiple area's of DevOps including: Hosting, Backups, Security, GDPR, Automations and more.

Head of infrastructure including DevOps responsibilities like backups, security, GDPR, automations++.

### Software Engineer @ Experience Data

Aug 2021 - February 2022

Lead the modernization of the technology stack and worked together with management & data scientists to create new and improved development standards & workflows.

Co-development on a variety of company products and services in a Developer/DevOps capacity.

\* Please note that **only** the last 3 positions/contracts are listed for the purpose of keeping this document concise.

## Technologies & tools

OpenAPI, REST, FastAPI, Masonite, Dash, Flask/Django, Pandas, BS4, Pydantic, OAuth, AsyncIO, Pytest(asgi), WebTest, Maria/MySQL, Redis, Web3, Rethink, Postgress db++

Git(Hub/Lab), Docker, Traefik, Drone CI, Postman, Stoplight (...etc)

## Industry Knowledge

FOSS, \*NIX, APIs, DevTooling, Micro-services, DDD, Agile, Scrum, Blockchain, Micro-services, containers, virtualization, distributed systems (...etc)

## Languages

Norwegian (native)  
English (fluent)  
Dutch (basic)

## Platforms

DigitalOcean, AWS, GCP

## Other

Open-source & self-hosting  
CyberSec (CTF) hobbyist  
Competitive Gamer



Mad Botter



Automate everything!



## EDUCATION

### Software Development (College)

Fontys University of Applied Sciences  
2017 - 2019, Eindhoven, The Netherlands

### Computer Engineering (BSc)

University of Agder  
2016 - 2017, Grimstad, Norway

### ICT-Service & Infrastructure (Trade Diploma)

Nordahl Grieg VGS | Dataoppdrag AS  
2012 - 2015, Bergen, Norway

## BACKGROUND

### Software Dev & Ops

The majority of my professional development work has been in creating new and migrating older legacy systems using open-source tooling and scalable, distributed technologies.

This has meant extensive work with modern, containerized service and serverless technologies paired with DevOps tasks such as CI/CD management, automations, bots, and other developer workflow accelerating optimizations and improvements.

Primary language has been Python for the last 5 1/2 years professionally, and >10 years personally. Secondary language has recently been Rust to fill in specific low-level requirement features.

### Software Tester

Before I went on to dedicated development work (and later ops) I briefly worked as a software tester working on the testing, documentation and verification of devices and software for the deployment of the Norwegian smart power grid. This later grew into a love for automation and static analysis tools for with Python.

### SysAdmin & ICT

Started as a system administrator and consultant where I worked on deployment, monitoring and administration of and extensive amount of (windows/linux)servers, various third-party and client; CRM, mail(exchange), database, networking, firewall systems.