

Alex Pedersen

Senior Backend Developer



EXPERIENCE

Senior Backend Developer @ YoungOnes

Dec 2019 - June 30 2020

Worked as a lead advisor on the re-design and migration of the company platform into a decentralized microservices environment.

Designed and developed various python services, micro-services, APIs, Serverless (FAAS) functions, security auth and database tools and more including managing the company python CI/CD pipelines, hosting, backups, and various infrastructure needs.

Established comprehensive documentation, standards and procedures for in-house security and development as well as routines for disaster recovery and incident reporting.

Backend Developer @ OfficeApp

Apr 2019 - Nov 2019

Developed fullstack (pure) python applications and various RESTful API's and microservices deployed on AWS cloud infrastructure

Software Engineer @ Onpoint Creative Agency

Nov 2018 - Mar 2019

Co-developed a crypto currency trading application, built various tools such as scrapers, data sorters etc. Did some minor fullstack development in Laravel+vue.js

Software Tester @ Validér

Aug 2015 - Feb 2016

Worked on testing, troubleshooting and reporting on the deployment of 1/3 of Norways smart power meters. Did minor development work on a inhouse kiosk solution and set up the initial customer portal.

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Breda, The Netherlands

Industry Knowledge

Backend Development
API Development
Microservices
FAAS
Decentralized solutions
CI/CD & Infrastructure
Containerization

Tools & Technologies

OpenAPI, REST, Docker, Flask/Django, Pandas, BeautifulSoup, Urrlib/Requests, SQLAlchemy, OratorORM, MasoniteORM, Postman, Atlassian Suite, GitLab, JetBrains Suite, VSCode, Figma, Sketch

Other Skills

Rust, JavaScript, CSS3+HTML5, PHP, Java, C#, C

Languages

Norwegian (native)
English (fluent)
Swedish (competent)
Danish (competent)
Dutch (basic)

Social

LinkedIn - alexpdrs
GitHub - alexpdr
PyPi - alexpdr

EDUCATION

Software Development

Fontys University of Applied Sciences

2017 - 2019, Eindhoven, The Netherlands

Computer Engineering

University of Agder (UiA)

2016 - 2017, Grimstad, Norway

Trade Diploma: ICT-Service & Infrastructure

ICT-Service, Nordahl Grieg VGS / Dataoppdrag AS

2012 - 2013, Bergen, Norway

QUALIFICATIONS

I have worked in various areas of IT/ICT since my teens, it has taken me some time to figure out exactly what area I was the most comfortable in but it has allowed me to work in and experience both sides of the ICT/IT and development industries.

Software Development

I've worked with and built software and systems from the ground up in various capacities in different start-ups and scaleups. Where the primary trend and focus has been shifting to and developing new decentralized distributed systems using microservices and serverless functions.

Recently I have also taken steps towards writing security procedures, tools and packages to ensure that the security and integrity of in-house systems services is maintained.

In terms of languages my primary tool has been Python ≥ 3.7 using various tools, frameworks and standards such as: REST, OpenAPI, Django, Flask, MySQL, SQLite3, Connexion, SQLAlchemy, OratorORM, various security packages and fair amount more.

Everywhere I have worked I have also ended up being a large contributor to documentation, training material and internal resource material.

System Administration & Consulting

I have worked in various levels of customer support, starting first-line and progressing into more system administration and management. This for both Windows and Linux servers and including systems like exchange, ADDS/ADFS, Network management, SAMBA, Data Recovery, Backup systems, virtualized systems cloud-hosting, CI/CD and more.