ANDREAS MURK

Software/DevOps/Kubernetes Engineer

CONTACT

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- ⬢ AndreasMurk
- in Andreas Murk

SKILLS

Linux — 6+ yrs

Kubernetes — 1+ yrs

Software-Engineering — 6+ yrs

DevOps — 3+ yrs

WORK EXPERIENCE

Software Engineer — 2024 - current
HoloAI - Lucerne (Switzerland)

Guide Builder Platform with NextJS, Azure DevOps, Retrieval Augmented Generation System

Scientific research assistant — 2022 - 2024
University of Applied Sciences of the Grisons - Chur (Switzerland)

In-Depth Kubernetes/DevOps engineering with multi-master cluster, Natural Language Processing such as Named Entity Recognition, Named Entity Linking, Pipeline creation with Spring Boot and JavaEE, Frontend Development with VueJS

CMS/Backend Developer — 2019 - 2021
LOOP New Media GmbH - Salzburg (Austria)

Vulnerability Scanning Application with Laravel, modularized WordPress plugins and internal tools with PHP

Web Developer — 2015 - 2016
p&p Marketing GmbH - Innsbruck, (Austria)

Web-Development, creating a fully customizable survey component with Laravel, MySQL/NoSQL Databases

EDUCATION

MSc - Multimedia Technology — 2022 - 2024
University of Applied Sciences Salzburg - Salzburg, (Austria)

Masters project in Blockchain, React Programming, Data Mining and Artificial Intelligence.
Thesis work: Comparative Analysis of Compact and Small Language Models in Abstractive Text Summarization

MSc - Multimedia Technology — 2023 - 2024
Barcelona Tech UPC - Barcelona, (Spain)

Exchange semester with focus on Blockchain, Cloud Computing and Machine Learning

BSc - Information & System Management — 2021 - 2022
Halmstad University - Halmstad, (Sweden)

Exchange semester with focus on Machine Learning, Artificial Intelligence and Micro-Controller

BSc - Information & System Management — 2019 - 2022
University of Applied Sciences Salzburg - Salzburg, (Austria)

C Programming, Signal & Image Processing, Physics, Electrical engineering. Thesis work: Explorative analysis of vacancy data in Switzerland

Ing. - Software-Development & Engineering   2016 - 2018
IT College - Imst (Austria)

Software-Engineering, Software Design Patterns, Java Programming (Spring Boot, Multithreading), PHP (Laravel, Symfony), JS/TS (NodeJS, AngularJS, Ionic)

PROJECTS

SolarAssets   2023
Tools & Frameworks: NextJS (TypeScript), Solidity (Blockchain), Terraform, GitLab CI/CD

A fully functional demo platform for partial investment photovoltaic systems using blockchain technology

ChainDon   2023
Tools & Frameworks: NextJS (TypeScript), Solidity (Blockchain), Terraform, GitLab CI/CD

A prototype for donations using crypto currency for various ongoing projects.

Dea Murk Art Gallery   2022
Tools: WordPress, GitLab CI/CD, PHP, TypeScript

Wordpress site

Chasa Nova Appartments   2022
Tools: WordPress, GitLab CI/CD, PHP, TypeScript

Wordpress site

WORKSHOPS & CONFERENCES

Vim Workshop   November 2023
Will be conducted by Andreas Murk & Fabian Untermoser

EXTRA SKILLS

- Databases (NoSQL, SQL, Graph databases)
- Bash/Shell Scripting, VIM
- Containerization & Orchestration (Kubernetes, Docker, Proxmox)

HOBBIES

- Sports (skiing, weight training, running, ski touring)
- Meeting friends
- Cooking
- Reading
- Travel