

LOREN MUCHA

Full Stack Entwickler

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WORK EXPERIENCE

Full Stack Developer

Freelancer

📅 since Juli 2022

- Union and refactoring of the platforms [8a.nu](#) and [Vertical Life](#) in the backend and frontend using Spring Boot or Ruby on Rails, Vue.js.
- Implementation and architecture of the [Signature Pad](#) for digital signatures with a mobile device.
- DevOps for Continuous Integration and Delivery.
- Introduction to Test Driven Development.

Full Stack Software Developer

DATEV eG

📅 Juli 2019 – Juni 2022 📍 Germany, Nürnberg

- In-house consultant within the FlexPool
- Design and development of APIs for bidirectional data exchange between on-premises and external partner systems, using Spring Webflux or MVC.
- Frontend development with Angular
- DevOps for Continuous Integration and Delivery.

Wissenschaftlicher Mitarbeiter

Leibniz Institut für ökologische Raumentwicklung

📅 Oktober 2017 – Juni 2019 📍 Germany, Dresden

- Implementation and architecture of the Web-GIS [Monitor for Settlement and Open Space Development](#), with a React frontend and Python/PHP backend.
- Development and deployment of *Web-Processing-Services* for spatial calculation of indicator values as an [API](#) within the scope of the [SoRa research project](#).
- Supervision of master's theses

PROJECTS

Climbing Diary

- [Android App](#) for tracking and evaluating personal performance in rock climbing, with a synchronous [Electron App](#) as a desktop application

AWARDS



GIS-AWARD

for innovative achievements of young scientists in the field of geoinformatics, 2nd place for the submitted Master's thesis

SKILLS

Python Java Kotlin Spring Boot
Flask PostgreSQL MongoDB Kafka
Vue.js Angular Maven Docker
Jenkins GitLab CI Ruby Microservices
Design Pattern Test-driven Development

LANGUAGES

German
English
French



EDUCATION

M.Sc. in Geoinformatics

Technische Universität Dresden

📅 April 2015 – August 2017

B.Sc. in Geography, with a specialisation in computer science

Technische Universität Dresden

📅 October 2011 – March 2015

EXPERIENCE ABROAD

📅 October 2009 – August 2010



Work & Travel in Australia

For one year, I gave several surfing and climbing courses and explored the country.

INTEREST

I love to travel and combine this with climbing. Playing the piano and MTB riding are also part of my hobbies, as is a sociable cooking evening with friends.