

# LOREN MUCHA

## Full Stack Entwickler

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## WORK EXPERIENCE

### Freelancer

#### Full Stack Entwickler

📅 seit Juli 2022

📍 On site and Remote

- Architecture and implementation of the refactoring of a monolithic towards a microservice architecture of the platforms [8a.nu](#) and [Vertical Life](#) in the backend and frontend with Spring Boot, Confluence, Vue.js and TDD with DevOps
- Implementation and architecture of the [Signature Pad](#) for digital signatures with a mobile device for [No-Q](#)

### Full Stack Software Developer

#### DATEV eG

📅 Juli 2019 – Juni 2022

📍 Germany, Nürnberg

- In-house consultant within the FlexPool as architect and lead developer
- Architecture and lead developer for API's for bidirectional data exchange between on-premises and external partner systems, with Spring Webflux or MVC, Confluence
- 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.