

# LOREN MUCHA

## Full Stack Entwickler

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## WORK EXPERIENCE

### Full Stack Developer

#### Freelancer

📅 ab 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.