



# Ang Dawa Sherpa

Frontend Developer

## Profile

Being a web technology enthusiast, I have designed, developed and provided support for several web applications. Experienced with different JavaScript frameworks especially React. Knowledgeable in debugging processes. Equipped with a diverse and promising soft skill-set. Competent in an array of technologies, including NodeJS, MongoDB, and Continuous integration.

## Education

**MSc of Geospatial Technologies (Erasmus+ category A scholarship holder), [Universitat Jaume I (UJI), Castellón, Spain] and [Münster University, Münster, Germany]**

September 2017 — March 2019

Universitat Jaume I (UJI), Spain: Web-programming focusing on full-stack application development using AngularJS and NodeJS.

Münster University, Germany: Study about data manipulation using python and incorporating it in the web platform. Master thesis title "Querying Spatial datasets with ease through an Application Programming Interface (API)." Full-stack application for the thesis study developed with JavaScript.

**Bachelor of Science in Environment Management, School of Environmental Science and Management, Kathmandu, Nepal**

November 2011 — October 2015

## Github repository for Master thesis study

**Spatial Datasets retrieval API developed for Master thesis, Münster university, Germany**

September 2018 — February 2019

- API endpoint : <https://giveourdata.herokuapp.com/api/>
- Github repo: [https://github.com/angsherpa232/Retrieve\\_dataset](https://github.com/angsherpa232/Retrieve_dataset)

## Employment History

**FrontEnd Developer (Intern) at geOps, Freiburg im Breisgau, Germany**

June 2019 — September 2019

- Develop hooks based React components for tree-app from scratch.
- Design the React components based on the designer's prototype.
- Develop a (tree-lib) library to power up the front end.
- Publish the library as an npm package.
- Write a test for both front-end and (tree-lib) library. Jest and Cypress used.

1. live-app: <https://tree-app.ch>
2. tree-app Github: <https://github.com/geops/tree-app>
3. tree-lib Github: <https://github.com/geops/tree-lib>

## Details

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## Links

[Portfolio](#)

[Github](#)

[Linkedin](#)

## Skills

HTML5/CSS3

JavaScript

React

Redux

Scss

Git/Github

Bootstrap

Webpack

Node.js

Python

MongoDB

PostgreSQL

Web-mapping

## Languages

English

German

Nepali

Hindi

Sherpa

## **Web Team at Erasmus mundus - Geomundus conference, Münster, Germany**

June 2018 — December 2018

- Worked on a web team to design, code, test, report, and debug operations.
- Successfully identified, diagnosed, and fixed website problems.
- Made changes to specific pages based on Google Analytics statistics and updating the website periodically.
- Website link: <http://geomundus.org/2018/>

## **ELIPPSS: Web-portal for drone images at “Unmanned Aerial System” Course Project, Münster, Germany**

April 2018 — September 2018

- Developed and hosted a web-portal in the scope of the Unmanned Aerial Systems course at the Institute of Geoinformatics.
- Github repo: [https://github.com/angsherpa232/UAS\\_web2018](https://github.com/angsherpa232/UAS_web2018)

## **Junior FrontEnd Developer and GIS Technician at Department of Irrigation, Kathmandu, Nepal**

February 2015 — August 2017

- Assisted sub-consultancies to develop FrontEnd components for web-mapping based on libraries such as Leaflet.
- Developed ArcGIS tools based on python script and ArcGIS ModelBuilder.

## **Courses**

### **React the complete guide (hooks, Redux), Udemy**

2019

### **Complete React full stack course, Udemy**

2018

### **Google Earth Engine based on Javascript by Google Employee , International Centre for Integrated Mountain Development (ICIMOD)**

2017

## **References**

References available upon request

## **Side projects**

Check out my portfolio