



# FARIZHA AULIA MARTAKUSUMA

## WEB DEVELOPER

### PROFILE

Web developer with a background in GIS (Geographical Information System) and experience as research assistant. Passionate in developing a user-centered website to help solving problems.

### CONTACT



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<https://farizhaam.github.io/portfolio-website/>



[linkedin.com/in/farizha-martakusuma](https://www.linkedin.com/in/farizha-martakusuma)



[github.com/farizhaam](https://github.com/farizhaam)

### SKILLS SUMMARY

HTML/CSS/JavaScript

jQuery, AJAX, Bootstrap

React/React Native

Angular, TypeScript

SQL, MongoDB, Firebase

TDD & BDD (Jest)

Git & GitHub

### WORK EXPERIENCE

#### Research Assistant

Bundesanstalt für Materialforschung und -prüfung (BAM) | Aug 2020 - JAN 2021

Multi-sensor data fusion for detecting corrosion in concrete using Python:

- Automated an extraction of realizable parameters from non-destructive signals
- Tested the extracted parameters to performance improvement

#### University Research Assistant

Technische Universität Berlin | SEP 2017 - APR 2020

TU Berlin representation for the SAFE-10-T Project funded by H2020:

- Collaborated with other representative from parts of Europe
- Developed a 3D visualization concepts for the risk of failure on critical transport infrastructures with CesiumJS (JavaScript, Node.js)

### EDUCATION

#### Certificate in Full-Stack Web Development | CareerFoundry

Online | JUL 2021 - JAN 2022

A 6-months intensive course for Full-Stack Web Development Program specializing in Frontend (HTML/CSS/JS) and Full-Stack i.e. server-side (REST API) & client-side programming, testing in development, mobile native app, PWA, etc.

#### Master of Science (M.Sc), Geodesy and Geoinformation Science | Technische Universität Berlin

Berlin, Germany | NOV 2014 - Nov 2016

#### Bachelor of Engineering (B. Eng), Geomatics Engineering | Sepuluh Nopember Institute of Technology

Surabaya, Indonesia | SEP 2008 - MAR 2013