Kazi Jahidur Rahaman

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📍 **Home:** Eberswalde (Germany)

ABOUT ME

A final-year master's student of environmental IT with geospatial data science expertise in analysis (QGIS, ArcGIS) and image processing (Python). Proficient in backend development (Django, Laravel, DBMS) to build efficient software solutions. Passionate about automating data analysis tasks and improving efficiency. As a person values responsibility and empathy. Loves to travel and capture moments with camera and drone.
Reachable through Homepage, LinkedIn, GitHub, and Researchgate profiles.

WORK EXPERIENCE

Intern(Database Development)

Umweltbundesamt (The Federal Environment Agency), Berlin, January 2024 - March 2024

- Database development(MariaDB) on the fate of fertilizer additives in the soil
- Interface development for accessing the data in Python Django, HTML, CSS, JS, and Bootstrap

Wissenschaftliche Hilfskraft (Research Assistant)

Hochschule für nachhaltige Entwicklung Eberswalde, Eberswalde, March 2023 - Present

- Supporting the BMBF B4P project activities with programming.
- Project documentation and preparation of digital data publications.

Junior Software Engineer

Elitbuzz Technologies Ltd., Dhaka, January 2021 – September 2021

- Development and maintenance of in-house and client requirement-based SaaS products (Stack: Laravel, MySQL, JS).
- Documentation and conducting workshops to demonstrate developed prototypes to the stakeholders.

EDUCATION

Master of Science in Forest Information Technology

Hochschule für nachhaltige Entwicklung Eberswalde, Eberswalde, Germany, October 2021 – Current

Bachelor of Science in Computer Science and Engineering

East West University, Dhaka, Bangladesh, July 2015 – April 2020

PUBLICATIONS

Detection of Urban Area Expansion through Indices based Change Detection using Landsat Imagery in GEE

Gulam Mohiuddin, Jan-Peter Mund, **Kazi Jahidur Rahaman***. (2023).* ***DOI***

DIGITAL SKILLS

Programming & Database

PHP, Python, R, C, C++, MariaDB, MySQL, MySQL Workbench, PostgreSQL, PostGIS, HTML, CSS, JavaScript

Geographic Information System(GIS)

QGIS, ArcGIS, Google Earth Engine

Others

Microsoft Office, Google Collaboratory and Workspace, GIT, Machine Learning, UAV Image Processing(Pix4D), RStudio

ACHIEVEMENTS & ACTIVITIES

Scholarships

- **HNEE Deutschlandstipendium,** 01/03/2023 - 29/02/2024
- **Erasmus+ EU Mobility Fund,** 01/03/2023 - 29/06/2023

Activities

- Participant, ***Machine Learning and Data Management for Earth Observation**, 18/03-19/03, 2024 by *BIFOLD TU-Berlin*
- Participant, ***The 5th International Electronic Conference on Remote Sensing**, 07/11-21/11, 2023* by *MDPI*
- Participant, ***Google Earth Engine Workshop**, 2/10 - 3/10, 2023 by *Google* at Warsaw, Poland

LANGUAGE SKILLS

Mother tongue(s): **Bengali**

Other language(s): **English(C1)** | **German(A1)**