



## **Back-End Web Developer Intern**

### **Role Description**

Back-End Developer will build the core services of the platform, including API development, database management, integration with external data sources, and deploy website infrastructure.

### **Key Responsibilities**

- Design, build and maintain RESTful APIs or back-end logic for all features in the platform such as authentication, maps, map layers, and map management.
- Design, build, and manage database schemas, authentication systems, backend logic for data integration and uploads.
- Handle data storage integration for spatial data such as GeoTIFF and/or GeoJSON.
- Ensure API performance, scalability, and data security.
- Deploy and monitor services on hosting or cloud platforms.
- Collaborate with frontend web developers.

### **Requirements**

- 5th year or Final year undergraduate student or a Bachelor's degree in Computer Science, Information Technology, Information System or related field.
- Have experience with Node.js, Python, and backend frameworks (Express, Django/FastAPI etc.).
- Experience with AWS/GCP/PostgreSQL/PostGIS or other database platform, and file-based data storage.
- Understanding of REST API design principles and JSON data structure.
- Experience deploying websites on cloud platforms.
- Familiarity with handling geospatial files (GeoTIFF, GeoJSON) and metadata.
- Knowledge of backend security best practices and role-based access control.
- Familiarity with Git and collaborative development workflows.
- Strong problem-solving skills and attention to detail.
- Good documentation and communication skills.

**Application Deadline by:** 18 June 2025

Link for Submission of Information: <https://forms.gle/4VAG5Wj3deeqzwwg98>

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