



Sushant Aryal

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● ABOUT ME

Aspiring GIS Developer with a strong GIS foundation, passionate about building interactive WebGIS applications, managing spatial databases, and geospatial analysis. Eager to develop innovative, tech-powered solutions that enhance decision-making and spatial intelligence.

● WORK EXPERIENCE

12/03/2023 – 28/04/2023 Kathmandu, Nepal
WEBGIS DEVELOPER INTERNSHIP NAXA PVT. LTD

- Utilized web development framework React for Frontend development
- Integrating mapping libraries Maplibregl, OpenLayers, and Leaflet into web applications
- Designing and implementing cartographic representations for effective data communication
- Writing HTML, CSS, and JavaScript code for the development of web-based GIS applications
- Using version control systems to manage and track changes in code
- Collaborating with GIS professionals and other developers to implement project requirements
- Participating in regular meetings to discuss project progress and updates

01/02/2024 – 31/07/2024 Kathmandu, Nepal
WEB DEVELOPER SEED INNOVATION PRIVATE LIMITED

- Utilize Google Earth Engine to implement and enhance the visualization of agricultural land using vegetation Indices.
- Manage and maintain a spatial database related to agriculture insurance.
- Developing and maintaining RESTful APIs
- Building server-side logic and applications using Python Django
- Managing and processing geospatial data
- Leveraging mapping libraries (leaflet.js, MapLibre GL JS) for interactive and dynamic mapping in web
- Working with spatial databases PostgreSQL with PostGIS for efficient data storage

● EDUCATION AND TRAINING

02/09/2024 – CURRENT Tartu, Estonia
GEO-INFORMATION SCIENCE AND EARTH OBSERVATION FOR ENVIRONMENTAL MODELLING AND MANAGEMENT (M.SC.) University of Tartu

08/2018 – 05/06/2023 Dhulikhel, Nepal
GEOMATICS ENGINEERING (B.SC) Kathmandu University

● LANGUAGE SKILLS

Mother tongue(s): **NEPALI**
Other language(s): **ENGLISH**

● DIGITAL SKILLS

Linux | Docker | PostgreSQL | SQL | GIT | HTML | Python | Java | C, C++ Basic | Django | Intermediate Flutter | CSS | Postman | Node.js, React.js | REST | ArcGIS Desktop/Pro (advanced) | QGIS (Advanced level) | AutoCAD | JavaScript | Envi | Machine learning | TypeScript | Maplibrejs