



DIKSHYA KHADKA

Undergraduate Student
Geomatics Engineering
Kathmandu University

Contact

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📍 Biratnagar

Technical Skills

Programming & Development:

- C
- C++
- Java
- JavaScript
- CSS
- PostgreSQL/PostGIS

GIS & Spatial Tools:

- ArcGIS
- QGIS
- AutoCAD

Design & Visualization:

- Adobe Illustrator
- Adobe InDesign

Soft Skills

- Team Collaboration
- Problem Solving
- Leadership
- Time Management
- Communication Skills
- Attention to Detail
- Project Planning
- Adaptability
- Creativity

About Me

I'm immersed in mapping, surveying, and spatial data analysis. Besides my technical studies, I love getting involved in creative design projects that turn complex data into engaging visuals. This blend of precision and creativity helps me communicate spatial insights clearly and impactfully. Curious and hands-on, I'm always looking for new ways to apply geomatics skills beyond the classroom. I also have great leadership skills.

Education

2021 - Present

Bachelor in Geomatics engineering
Kathmandu University

2019 - 2021

Higher Secondary Education
Shikshadeep College, Biratnagar

Projects & Research Papers

- Comparative Analysis between AHP and Fuzzy AHP: A Case Study on Flood Susceptibility of the Koshi River Basin
- Digitization of Aerial Photographs for Detailed Topographic Mapping
- Java-based GUI Tool for Calculating Cadastral Sheet Numbers Using Scale and Central Meridian
- Route Optimization Using pgRouting: Shortest Path from Biratnagar to Kathmandu University
- A Brief History, Process, and Challenges of Cadastral Surveying: A Case Study of Denmark
- Nepal's Land Administration: A Historical Tapestry of Continuity and Change