

Pratik Giri

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PROFILE SUMMARY

Motivated BS Information Technology student with hands-on experience in GIS data management, spatial analysis, and operational coordination at a leading tech company. Passionate about leveraging data science, AI/ML, and web development to solve real-world problems. Actively building expertise across system design and software engineering.

PROFESSIONAL EXPERIENCE

Pathao Nepal Pvt. Ltd.	2025 – 2026
- Managed and maintained GIS datasets to ensure location accuracy across the Pathao platform, directly improving app reliability. - Collected and analyzed spatial data to support route expansion across 19+ areas in Bagmati Province, contributing to strategic city growth plans. - Conducted quality assurance on festival offers and crowdsourced route data to eliminate redundancy and reduce operational errors. - Coordinated communication and logistics for Food, Rides, and Marketing departments, including campaign push notifications and promotional code generation. - Reviewed spatial and routing data submitted by customers to inform product decisions and improve service delivery.	

KEY PROJECTS

QGIS Mergin Maps
- Proposed and led a field initiative to collect live GPS route data across Bagmati Province using the QGIS Mergin Maps plugin. - Collaborated with teammates on fieldwork resulting in 19+ area routes successfully captured and submitted.

Pathao Roadmap Dashboard
- Designed and built a dynamic KPI dashboard for the roadmap team using Google Sheets, enabling real-time tracking of route additions, pending reviews, targets, and growth percentages. - Provided the team with a centralized tool to monitor progress and make data-driven operational decisions.

EDUCATION

Bachelor of Science in Information Technology (BS.IT) Westcliff University, U.S.A. (Presidential Graduate School, Nepal)	2023 – Present
+2 Science Dhulabari Secondary School, Jhapa	2021 – 2023
Secondary Level Nepal Police School, Dharan	2018 – 2021

SKILLS & TOOLS

Core Skills	System Design • Data Science • AI/ML • Web Development • Research & Analysis
Programming	Python • JavaScript • Java • C • HTML • CSS
Tools	QGIS • VS Code • Git/GitHub • Jupyter Notebook • Google Colab • Hugging Face
Languages	Nepali (Native) • English (Fluent) • Hindi (Proficient)
Soft Skills	Work Under Pressure • Problem Solving • Communication • Integrity • Technical Leadership