

NISHCHAL PANTA

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Profile

Detail-oriented Bachelor of Computer Science (Honours) student specializing in **Data Science**. Strong interest in **Machine Learning, Deep Learning, and Data Mining**, with hands-on experience in Python and Java. Passionate about building data-driven solutions and real-world intelligent systems.

Education

Bachelor of Computer Science (Honours) – Data Science	Sep 2023 – Sep 2027
IIMS College (Affiliated with Taylor's University, Malaysia)	
+2 Science (Physics)	2021 – 2023
Uniglobe SS College	

Technical Skills

- Python, Java, JavaFX
- Machine Learning
- Deep Learning (PyTorch)
- Data Mining
- SQL, MySQL
- Git, GitHub
- Docker (Basic)
- Laravel
- AWS (Fundamentals)

Projects

- Cybersecurity Threat Detection** — Python, PyTorch
Neural network model classifying network traffic as *Bot* or *Benign*.
- Turkey Fire Analysis** — Python, Scikit-learn
Wildfire data analysis using Random Forest and Logistic Regression.
- Mental Health NLP Comparative Study** — Python
Compared NLP models for mental health text classification.
- Share Market Analysis (NEPSE)** — Python
Predictive analysis using RandomForestRegressor.
- Panta Store Application** — Java, JavaFX, MySQL
Desktop inventory management system with CRM expansion.
- E-commerce Website** — Laravel, MySQL, Docker
Production-ready wholesale e-commerce platform.

Certifications

- ChatGPT Masterclass — IIDE
- Intermediate Python — DataCamp
- Data Manipulation with Pandas — DataCamp
- Deep Learning with PyTorch — DataCamp

Achievements

- Winner — Relay Hack X Aquore**
Developed a database-driven staffing subsystem for candidate ranking.

Languages

English, Nepali, Hindi