

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

Technical Skills

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

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 — IIIDE
- 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