

Nishchal Panta

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Profile

Bachelor of Computer Science (Honours) student specializing in **Data Science** with a strong interest in **Cloud Computing and DevOps**. Hands-on experience with Python, Java, Docker, Git, and cloud fundamentals, alongside exposure to machine learning and data-driven systems. Passionate about building scalable, automated, and reliable solutions using modern cloud-native and DevOps practices.

Education

Secondary Education	2011- 2021
Bhanubhakta Memorial School	
+2 Science (Physics)	2021 – 2023
Uniglobe SS College	
BCS (Hons) Computer Science – Data Science	Ongoing
IIMS College (Affiliated with Taylor's University, Malaysia)	

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 for classifying network traffic as *Bot* or *Benign*.

Turkey Fire Analysis — Python, Scikit-learn Wildfire analysis using Random Forest and Logistic Regression.

Mental Health NLP Comparative Study — Python Benchmarking NLP models for mental health text classification.

Share Market Analysis (NEPSE) — Python Predictive modeling using RandomForestRegressor.

Panta Store Application — Java, JavaFX, MySQL Desktop inventory management system with CRM roadmap.

E-commerce Website — Laravel, MySQL, Docker Wholesale e-commerce platform built for the Nepalese market.

Certifications

- ChatGPT Masterclass — IIDE
- Intermediate Python — DataCamp
- Data Manipulation with Pandas — DataCamp
- Deep Learning with PyTorch — DataCamp
- AWS Academy Graduate — Cloud Foundations
- Supervised Learning with scikit-learn — DataCamp

Achievements

Winner — Relay Hack X Aquore

Developed a data-driven staffing subsystem for candidate ranking and evaluation.

Additional Information

Languages: English, Nepali, Hindi