

Ankit Paudel

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PROFESSIONAL SUMMARY

IAM Intern with hands-on experience in Active Directory administration and enterprise identity infrastructure. Supporting user provisioning, access control, domain services, and authentication workflows. Strong technical foundation in ML (PyTorch, GANs, VAEs, transformers) and backend development (Django, DRF). Focused on growing expertise in IAM engineering and identity security.

PROFESSIONAL EXPERIENCE

Identity and Access Management (IAM) Intern

February 2026 – Present

Dubai, UAE (Remote)

Paramount Computer Systems

- Support identity administration in Windows Server and Active Directory environments including user/computer account management, domain joining, and group-based access control following least-privilege principles
- Troubleshoot authentication issues involving Kerberos and NTLM workflows; manage OU structures and DNS dependencies

TECHNICAL SKILLS

IAM & Infrastructure: Active Directory Domain Services, Windows Server, User/Computer Account Management, Group Policy, OU Structure, Domain Joining, Kerberos & NTLM, DNS in AD, Access Control

Programming: Python, SQL

Machine Learning: PyTorch, Model Training & Evaluation, Loss Functions, Hyperparameter Tuning

Deep Learning: CNNs, GANs, VAEs, Autoregressive Models, Flow-based Models, Backpropagation

NLP: BERT Fine-tuning, DeBERT v3, Phi-2, Text Classification

Backend: Django (MVT), Django REST Framework (DRF), Authentication, Payment Integration

Tools: Git, GradCAM/GradCAM++ Analysis

KEY PROJECTS

E-learning Platform | Django, DRF, PyTorch

2025

- Built backend with authentication, course management, enrollment workflows, and ML-based recommendations

Sketch-to-Image GAN | PyTorch, GANs

2025

- Implemented sketch-to-image generation pipeline from scratch with custom generator/discriminator architecture

GradCAM vs GradCAM++ Analysis | PyTorch, CNNs

2025

- Performed comparative research on CNN interpretability methods with activation map visualization

E-commerce & E-Governance Systems | Django, SQL

2024

- Developed e-commerce platform with payment integration and NID verification portal with secure data handling

Additional ML Projects

2025

- Autoregressive Model, VAE, Flow-Based Model, Essay Evaluation (DeBERT v3 Large), Phi-2 Chatbot (all from scratch)

EDUCATION & CERTIFICATIONS

BSc Computer Science and Information Technology

Expected 2026

Samriddhi College

Kathmandu, Nepal

Django Certification | Sipalaya Infotech

2024-2025