

# 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

<b>Identity and Access Management (IAM) Intern</b> <i>Paramount Computer Systems</i>	February 2026 – Present <i>Dubai, UAE (Remote)</i>
<ul style="list-style-type: none"><li>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</li><li>Troubleshoot authentication issues involving Kerberos and NTLM workflows; manage OU structures and DNS dependencies</li></ul>	

## 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

<b>E-learning Platform</b>   <i>Django, DRF, PyTorch</i>	2025
<ul style="list-style-type: none"><li>Built backend with authentication, course management, enrollment workflows, and ML-based recommendations</li></ul>	
<b>Sketch-to-Image GAN</b>   <i>PyTorch, GANs</i>	2025
<ul style="list-style-type: none"><li>Implemented sketch-to-image generation pipeline from scratch with custom generator/discriminator architecture</li></ul>	
<b>GradCAM vs GradCAM++ Analysis</b>   <i>PyTorch, CNNs</i>	2025
<ul style="list-style-type: none"><li>Performed comparative research on CNN interpretability methods with activation map visualization</li></ul>	
<b>E-commerce &amp; E-Governance Systems</b>   <i>Django, SQL</i>	2024
<ul style="list-style-type: none"><li>Developed e-commerce platform with payment integration and NID verification portal with secure data handling</li></ul>	
<b>Additional ML Projects</b>	2025
<ul style="list-style-type: none"><li>Autoregressive Model, VAE, Flow-Based Model, Essay Evaluation (DeBERT v3 Large), Phi-2 Chatbot (all from scratch)</li></ul>	

## EDUCATION & CERTIFICATIONS

<b>BSc Computer Science and Information Technology</b> <i>Samriddhi College</i>	Expected 2026 <i>Kathmandu, Nepal</i>
<b>Django Certification</b>   <i>Sipalaya Infotech</i>	2024-2025