

# Sanbaj Ansari

 sanansar@ttu.edu

 Lubbock, Texas

 (806) 548 4697

 linkedin.com/in/sanbaj-ansari

## PROFESSIONAL EXPERIENCE

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04/2024 – 07/2025

Kathmandu, Nepal

### System Analyst

*Triad Asia Pvt. Ltd.*

- Monitored and troubleshoot automation systems for ExxonMobil terminals, minimizing downtime.
- Implemented system upgrades improving performance and reliability.
- Collaborated across teams to resolve mission-critical technical issues.

09/2023 – 03/2024

Kathmandu, Nepal

### Artificial Intelligence/Machine Learning Fellowship

*Smart Ideas Pvt. Ltd.*

- Built spam mail classifier, reducing unwanted emails by **95%**.
- Engineered Nepali text summarizer to improve accessibility of news articles.
- Developed news recommendation system with Chroma DB & ElasticSearch, raising engagement by **30%**.

08/2025

Lubbock, USA

### Student Manager

*Texas Tech Hospitality Services*

- Supervised and trained staff, optimizing workflow in high-volume operations.
- Applied problem-solving methods similar to debugging to resolve operational challenges.
- Streamlined inventory tracking with data-driven process improvements.

## EDUCATION

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### Masters in Computer Science

*Texas Tech University*

- Coursework: Algorithms, Machine Learning, Data Science, Cloud Computing, Software Engineering
- Awarded a competitive graduate scholarship

03/2024

Kathmandu, Nepal

### Bachelor of Information Technology

*Lincoln University College*

GPA: 3.58/.0

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Artificial Intelligence, Machine Learning, Cloud Computing, Operating Systems, Software Engineering, Web Technology
- Final Year Project: Developed an e-commerce website using Python Django, implementing user authentication and product management features.

## TECHNICAL SKILLS

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### Programming Languages

Python (Pandas, NumPy, Scikit-learn, TensorFlow),  
SQL, ELK Stack

### Data Management

ETL, Data Cleaning, Data Aggregation, Data Integration,  
Data Transformation

### Data Analysis & Visualization

Python (Matplotlib, Seaborn), Data Mining

### Tools & Platforms

Linux, Jupyter Notebook, Git, Chroma Vector DB

### Other Skills

Machine Learning Algorithms, Transformers, Data  
Cleaning and Preparation

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

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### President, AAYAM - Youth-Led

#### Social Activist Group

Led social awareness campaigns,  
public health check-ups, and  
discussions on mental health and  
social issues.

### Model United Nations (MUN)

Won Best Delegate in 3 events;  
organized one as Deputy Secretary  
General.

### Finalist, MAHASANGRAM

#### Debate Tournament

International debate finalist (novice  
category).

### Member, Smart Club

Active in public speaking and  
debate activities.

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

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### Data Science with Machine Learning – Deerwalk Training Institute, Nepal (3-month training)

### Responsive Web Design – freeCodeCamp

### Data Scientist Associate Certification (in progress) – DataCamp

### Scientific Computing with Python – freeCodeCamp