

ANUSHKA GUPTA

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EDUCATION

Babu Banarasi Das University	Lucknow, UP
Bachelor of Engineering	2022 – Expected 2026
<ul style="list-style-type: none">Major in Computer Science & Engineering; Specialization in Artificial IntelligenceCumulative GPA: 8.2/10; StrivingRelevant Coursework: Data Analysis, Software Engineering; Operating System; Machine Learning; Algorithms; Artificial Intelligence; Data Structures; Neural Networks; Data Science; Computer Vision; Automation	

PROFESSIONAL EXPERIENCE

Over all experience: 2 Year

Deloitte Australia	Lucknow, UP
Data Analytics Job Simulation on Forage	July 2025
<ul style="list-style-type: none">Completed a Deloitte job simulation involving data analysis and forensic technology.Created a data dashboard using Tableau.Used Excel to classify data and draw business conclusions.	
Zidio Development	Bengaluru, Karnataka
Artificial intelligence and machine learning Intern	July 2024 – Oct 2024
<ul style="list-style-type: none">Projects: Speech emotion recognition, Digit recognition, Recommendation system.Built a speech emotion recognition system using MFCCs and pitch analysis for real-time predictions.Built a digit recognition system with edge detection and HOG, and Zernike moments for feature extraction.Designed a scalable recommendation system with security enhancements.	
YBI Foundation	Lucknow, UP
Artificial intelligence and machine learning Intern	June 2024 – July 2024
<ul style="list-style-type: none">Projects: Hill & valley prediction using logistic regression, White wine quality prediction.Predicted hill & valley patterns and wine quality using machine learning models.Enhanced results with data preprocessing and geospatial visualization.	
Cognifyz Technologies, AICTE	Lucknow, UP
Data science Intern	27 th March 2024 – 27 th April 2024
<ul style="list-style-type: none">Completed 1-month AICTE-approved Data Science internship at Cognifyz Technologies.Projects: Restaurant Analysis & Modeling.Conducted restaurant analysis & modeling, using geospatial visualization and correlation analysis to identify key trends.Addressed class imbalance and performed comprehensive data preprocessing to improve model accuracy and reliability.	
CipherByte Technologies	Lucknow, UP
Data science Intern	18 th March 2024 – 15 th April 2024
<ul style="list-style-type: none">Projects: Spam email detection, Unemployment analysisWorked with time series forecasting model by using Stats models.Created an NLP-based spam email detection system for accurate classification and performed unemployment analysis using time series forecasting to uncover key economic patterns.	
Oasis Infobyte, AICTE	Lucknow, UP
Data science Intern	1 st March 2024 – 5 th April 2024
<ul style="list-style-type: none">Projects: Iris species classification, Sales prediction, Car price predictionDeveloped predictive models for iris species, sales, and car price predictions.Applied regression and feature engineering for enhanced analytics.	

PROFESSIONAL LEADERSHIP

Chairperson, IEEE Student Branch	November 2024 – Present
<ul style="list-style-type: none">Founder & Chairperson, IEEE Chapter: Established and lead the IEEE Chapter at Babu Banarasi Das University.	

- **Founder, IEEE Computer Society:** Launched the IEEE Computer Society at the university to promote tech innovation and networking.

PUBLICATIONS

- **Smart Bin: An IoT-Based Waste Segregation and Recycling System**
International Conference on AI in Digital Growth, ADG 2025, IEEE Computational Intelligence Society, UP Section

PROJECTS

Smart Bin: An IoT-Based Waste Segregation and Recycling System

Designed and developed a comprehensive IoT-based waste management solution to promote sustainability.

- Segregates dry and wet waste using arduino, humidity sensors, ultrasonic sensors, and servo motors.
- Built a website to educate users on reusing waste and provide innovative tools for ragpickers ([SmartBin Website](#)).
- Promotes employment and income opportunities for slum dwellers, fostering healthier living conditions.

ACTIVITIES

IDEATHON, Akhil Jyot, Babu Banarasi Das University, Lucknow

Lucknow, UP

Event Coordinator

12 April 2025

- Managed the planning and execution of *IDEATHON*, a high-impact technical event where 70+ teams pitched ideas, fostering innovation and entrepreneurship on campus.

Infosys Springboard

Lucknow, UP

Pragati: Path to Future, Cohort-2

June 2024 – September 2024

- Engaged in advanced coursework on Artificial Intelligence, Natural Language Processing (NLP), Deep Learning, and Generative AI.
- Focused on personal and professional development, including leadership and personality development.

SKILLS

- **Programming:** HTML, CSS, SQL, Python (NumPy, Matplotlib, Pandas, Seaborn, GeoPandas, GDAL, API), JavaScript
- **Tools & Platform:** Tableau, Power BI, Microsoft Office, GitHub, Automation using Arduino, Kaggle, Colab, Jupyter Notebooks, VS Code
- **AI & ML:** ChatGPT, Gemini, MetaAI, Generative AI, Deep Learning, NLP, AmazonQ
- **Data Science:** Data Exploration, Data Preprocessing, Data cleaning, Feature Extraction, Data Analysis
- **Soft Skills:** Project Management, Team Management, Critical Thinking, Research, Empathetic Listening, Negotiation, Leadership
- **Languages:** English and Hindi

CONFERENCE

- **IEEE Sensors Council 2024**, IEEE Sensors Council

Workshop

- **Smart Technologies for Sustainable Energy Systems**, IEEE Uttar Pradesh Section, IEEE Sensors Council

CERTIFICATION

- **Amazon Q**, AWS
- **Natural Language Processing (NLP)**, Infosys Springboard
- **Introduction to Artificial Intelligence & Deep Learning**, Infosys Springboard
- **Power BI Training & Project**, Infosys Springboard
- **AI FOR INDIA 2.0**, GUVI
- **Python for Data Science**, IBM
- **The Advanced HTML 5 Courses**, Udemy
- **RS & GIS Application in Natural Resources**, Indian Institute of Remote Sensing, Indian Space Research Organization
- **Overview of Space Science & Technology**, Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO)