Ketan Goswami

Agra, UP, India | ketangoswami2003@gmail.com | +91 7388754299

Linkedin | Github | Portfolio

Education

Vellore Institute of Technology, B Tech in Computer Science and Engineering   **Oct 2022 – Oct 2026**
- GPA: 8.58/10.0

Experience

Sales and Marketing Intern, Semantics Cybernetics LLP   **May – June 2023**
- Developed **40+ sales leads** from advertiser-based referral streams in support of business efforts.
- Collaborated on sales reports and performed basic data entry and cleaning tasks using Excel on the **dataset of over 500 rows.**

Projects

E-Voting Application Using Blockchain | *HTML, CSS, JavaScript, MongoDB, Python, Solidity, Node.js*
- Developed a decentralized voting system using Ethereum blockchain and smart contracts to ensure secure, transparent, and tamper-proof elections, delivering **results up to 95% faster**.
- Implemented MFA, facial recognition and fingerprint scanning, to strengthen voter verification and prevent unauthorized access with **99.99% up time**.

Traffic Forecasting using GCN-LSTM Model | *Python, Pandas, Numpy, Matplotlib, TensorFlow*
- Developed a GCN-LSTM-based ML model to predict real-time traffic conditions and optimize vehicle flow, leveraging graph-based spatial relationships and sequential learning techniques.
- Demonstrated a potential **15–20% reduction** in peak-hour traffic delays in cities where the dataset was collected

Olympic Data Analysis| *(link) Python, Pandas, Streamlit, Matplotlib, Seaborn*
- Built an interactive web dashboard to explore **120 years** of Olympic Games data, enabling dynamic filtering and data visualization into **medal trends**, **athlete participation**, and **sport-wise** performance.

Global Supermarket Analysis | *(link) Power BI Desktop, Tableau Desktop, Data Cleaning, Modeling, MySQL*
- Performed ETL and processing on **50,000+ transactional records** into executive insights dashboard with dynamic filtering and cross-chart actions
- Built a Power BI sales analytics dashboard analyzing and visualizing **$12.64M global revenue** and **178K units** that accelerated executive **decision-making by 60%**

Technical Skills

Programming Languages: C++, Java, Python, HTML, CSS, JavaScript,PHP, Node.js
Tools & Platforms: MongoDB, MySQL, Tableau, MS Power BI Desktop, MS Excel, VS Code

Certifications & Extra Curricular

IBM Career Education Program - DevOps Fundamentals *(link)*   **May 2025**
Deloitte Data Analytics Job Simulation - Forage *(link)*   **Aug 2025**
IIBA Business Analysis Foundations - Linkedin Learning *(link)*   **Aug 2025**
Microsoft Power BI for Beginners - SimpliLearn *(link)*   **Sep 2025**

Achievements

President - Defence Warriors Club, VIT Bhopal   **2024-2025**
- Successfully led club with **50+ members** in organizing several club events at Advitya'25 fest and expanded club outreach and social activities.

Awards: AI Hackathon Winner - Fintech Club, First Runners Up - Basketball Tournament.