

# KETAN GOSWAMI

MALE, 21

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## EDUCATION

Computer Science Engineering	2022-26	VIT University	85.8%	-
CBSE (Class XII)	2021	St. Clare's High School, Agra	90.6%	16th
CBSE (Class X)	2019	St. Clare's High School , Agra	91.6%	19th

## INTERNSHIP/S

Sales and Marketing Intern, **Semantics Cybernetics LLP**, Bhopal (Remote)

May 2023 – June 2023

Semantics Cybernetics LLP - solution for launching and scaling your new ecommerce brand in India & beyond

- Assigned to increase the number of lead generation, data cleaning and processing, Excel management
  - Developed 40+ sales lead in support of business efforts
- Assisted the team in developing front-end of Web Applications for customers.
  - To ease the work load on Dev team, I contributed in developing front end, as a fresher developer.

### Professional Recognition

- I got Certificate of Completion and was offered full time work for Web Development Team.

## ACADEMIC PROJECTS

- E Voting System Using Blockchain:** Developed a decentralized voting system using Ethereum block chain and smart contracts to ensure secure, transparent, and tamper-proof and multi factor authenticated sign-in using biometric authentication; I worked in building Block chain smart contracts, connecting it using Metamask wallet, then also handled database management; Built a web application system to strengthen voter verification and prevent unauthorized access and delivering results 90% faster.
- Olympic Data Analysis:** Built an interactive web dashboard to explore 120 years of Olympic Games data, enabling dynamic filtering and data visualization by year, country, and sport; provided insights into medal trends, athlete participation, and sport-wise performance using real-world datasets; performed extensive data cleaning, processing, transformations purely using Python and its libraries.
- Global Sales Analytics Dashboard:** Developed a comprehensive Power BI solution analyzing 50,000+ transactional records across global markets spanning 2012-2015; created interactive dashboards with advanced DAX calculations, treemaps, and scatter plot visualizations; analyzed \$12.64M in total sales across Consumer (\$6.51M), Corporate (\$3.82M), and Home Office (\$2.31M) segments with \$1.47M total profit covering 178K+ units sold; delivered strategic insights across Western Europe, Southern Asia, and Eastern Asia markets; achieved 60% improvement in executive decision-making speed through multi-dimensional geographic, category, and temporal analysis.
- Traffic Forecasting using GCN-LSTM Model:** Developed a GCN-LSTM-based ML model to predict real-time traffic conditions and optimize vehicle flow; I worked on building stellar graphs to analyze the performances of the different models and also the traffic flow rates of other cities; Outperformed traditional models by 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

## ACADEMIC ACHIEVEMENTS AND AWARDS

- Deloitte Data Analytics Job Simulation - Forage
- Microsoft Business Analytics with Excel – Simplilearn
- DevOps Fundamentals - IBM Career Education Program
- IIBA Business Analysis Foundations - LinkedIn Learning
- SQL Basic - HackerRank

## POSITIONS OF RESPONSIBILITY

- **President, Defense Warriors Club, VIT Bhopal University - 2024-2025**
  - To lead the club to successfully conduct events by managing and coordinating with the team throughout the academic year.
  - Successfully accomplished the task to complete two events in Advitya'25 Fest and one in between the terms.
  - Got the appreciation by my Club Faculty Coordinator and the Fest Organizing Team
- **Event Management Lead, Defense Warriors Club - 2023-2024**
  - Managed and lead the team of 10-12 people to successfully conduct the events.
  - Got appreciated by my seniors and accepted the offer to lead the club as its President.
- **Sports Committee Member, St. Clare's High School, Agra - 2019-2020**
  - Coordinated sports competitions annually at various stages, streamlining event logistics and logistics planning to ensure seamless execution for participants.

## EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Won AI Hackathon by Fintech club, 2024
- 1<sup>st</sup> Runners Up - Aarambh'22 Basketball Tournament, 2022
- 1<sup>st</sup> Runners Up - Moon Olympics Football Competition, Agra , 2020

## OTHER INFORMATION

- Certifications:
  - NPTEL - Marketing Analytics
  - NPTEL - Cloud Computing
  - Coursera - Bits and Bytes of Computer Networking
- Hobbies and Interests include - singing and listening to music, playing instruments like guitar and drum set, gym, swimming, cooking, online video games.