



# Vishal Shyam Dasani

Roll No:M22CS015

Master of Technology

Computer Science and Engineering

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Github|Website

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## EDUCATION

Degree	Institute /Board	CGPA/Percentage	Year
M.Tech CSE	Indian Institute of Technology,Jodhpur	7.63 (Current)	2022-2024
B.Tech CSE	Institute of Engineering and Rural Technology,Prayagraj	8.8	2018-2022
Senior Secondary	ISC	80.60%	2016-2017
Matriculation	ICSE	87.33%	2014-2015

## PROJECTS

- Project Management & Information System** Ongoing  
*Ministry of Textiles Project, Government of India* Github
  - Developing an in-house digital portal with Django for the Central Wool Development Board, Jodhpur.
  - Key modules include user/role management, project proposal submission, approval tracking, progress reporting, fund release and real-time backup.
  - Improving efficiency and data security while providing comprehensive reports for decision-making.
  - Tech Stack: **HTML, CSS, Javascript, SQLite, Bootstrap, Django, Github.**
- SentimentSage - Customer Review Analysis Platform** Aug 2023  
*Walmart Sparkathon Project* Github
  - Developed a user-friendly dashboard that allow users to select specific businesses and view critical metrics, enhancing decision-making capabilities.
  - Employed NLP and machine learning to automate customer sentiment analysis, reducing time and cost.
  - Tech Stack: **Plotly Dash, PySpark, distilBERT , NLP, AWS.**
- SecureChatX - Real-time Encrypted Chat Application** Sept 2023  
*Self Project* Github
  - Developed a secure, real-time chat application with end-to-end encryption , ensuring user privacy and data integrity.
  - Implemented multiple encryption modes (DES, RSA, ElGamal) to provide users with flexible security options.
  - Tech Stack: **Python (Server-Side), Tkinter (UI), Socket Programming (Real-Time Communication), DES, RSA, ElGamal (Encryption Methods).**
- Personalized Fashion Recommender System** Aug 2023  
*Flipkart Grid Round 2 Project* Github
  - Utilized Convolutional Neural Networks (CNNs), transfer learning with ResNet50, and the Nearest Neighbors algorithm, all implemented in Python, to create a personalized fashion recommender system with a user-friendly Streamlit web interface.
  - Tech Stack: **CNNs, ResNet50, Nearest Neighbors, Python, Streamlit, Github.**

## SKILLS

- Programming :** C/C++, Python, JavaScript, SQL.
- Tools & OS:** Git, Jupyter Notebook, Google Colab, Linux, Windows.
- Libraries/Frameworks:** Pandas, Numpy, scikit-learn.
- Web Skills:** HTML/CSS/JS, Bootstrap, Django.
- Cloud Computing Skills:** Docker, Virtualization, Google Cloud Platform, AWS.

## KEY COURSES TAKEN

- Computer Science :** Object Oriented Programming in C++, Data Structures and Algorithms, DBMS, Virtualization and Cloud Computing, Software and Data Engineering, Distributed Database Systems.
- Mathematics:** Introduction to Data Science.

## CERTIFICATIONS

- C++ Programming for Beginners** (Udemy).
- Data Structures &Algorithms in C++** (Udemy).
- Programming Foundations with HTML,CSS and Javascript** (Coursera).
- Python and Django Full Stack Web Developer Bootcamp** (Udemy).

## POSITIONS OF RESPONSIBILITY

- Teaching Assistant at IIT Jodhpur, CSE Department,**taught subjects including DSA and Software & Data Engineering.
- Volunteer at Padharo 2.0,IIT Jodhpur,2023.**

## ACHIEVEMENTS

- Achieved a top 2% ranking in GATE CSE 2022** ,highlighting strong dedication and aptitude in computer science. (2022)
- Earned a Gold Badge in C++ and Python** ,on HackerRank. (2022)
- Participated in Flipkart Grid Round 2** , showcasing problem-solving skills, technical skills, and teamwork. (2023)