

# Anush Jain

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## Professional Summary

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- Computer Science undergraduate with a strong foundation in Data Structures, Algorithms, and Artificial Intelligence.
- Proficient in C++, Python, and libraries such as TensorFlow, PyTorch, OpenCV, and Pandas.
- Adaptable team player with a self-learning mindset and a passion for building practical, impactful tech solutions.

## Education

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### Bachelor of Technology in Computer Science and Engineering

Vellore Institute of Technology, Bhopal  
CGPA: 8.34 / 10

2022 – 2026

## Technical Skills

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- **Languages:** C++, Python
- **Libraries/Frameworks:** NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, PyTorch, OpenCV
- **Databases:** MySQL
- **Tools:** Git, Jupyter Notebook, Google Colab
- **Coursework:** Data Structures and Algorithms, Artificial Intelligence, Operating Systems, OOP, DBMS, Software Engineering

## Projects

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### AI-Based GST Data Classification

GitHub

Developed a supervised ML model to classify GST transactions:

- Designed and trained models (Random Forest, Logistic Regression) for GST data classification.
- Achieved high performance evaluated using confusion matrix and F1-score.
- Technologies: Python, Scikit-learn, Pandas

### AI-Powered DeepFake Detection System

GitHub

Led a team to develop a deep learning model to identify fake AI-generated facial images:

- Preprocessed real vs. fake datasets using OpenCV, PyTorch, and synthetic generators like StyleGAN.
- Trained CNN, EfficientNet, and ResNet models; integrated them using stacking and ensemble learning.
- Focused on identifying manipulated facial features and texture anomalies.
- Technologies: Python, PyTorch, TensorFlow, OpenCV

## Extracurricular Activities

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- Solved over 350 Data Structure and Algorithm problems on platforms like Leetcode and Codeforces.
- Regional Chess Player – Participated in state-level tournaments.
- Cadet, National Cadet Corps, Kanker (March 2017 – April 2018)
- Volunteered during TCS placement drive to assist in student coordination and logistics.