

# Abhinav Gaddi

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## EDUCATION

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### VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Bachelor of Technology

Major in Artificial Intelligence and Data Science

Cumulative GPA: 8.2/10;

Hyderabad,India

Expected May 2025

### GAUTHAMI JUNIOR COLLEGE

Intermediate/Undergraduation

Percentage: 95%

Hyderabad,India

Jun 2019 - Jul 2021

## UNIVERSITY PROJECTS

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### TWITTER TRADING STRATEGY

- Took a dataset that contained 27000 rows of stocks each having the number of Likes and comments along with its date and symbol.
- Skimmed through financial data to create optimum portfolios with over 20 different styles.
- Analyzed returns against indices, stocks, ETFs, commodities, and currencies. Visualized results, revealing a 40% higher return than NASDAQ, 20% more than NIFTY 50, and 10% over gold annually.
- Analyzed monthly comments and likes data using PowerBI to visualize data that contained 15M posts and 3B comments, identifying trends and uncovering insights on engagement levels throughout the year, enabling strategic decision-making for marketing campaigns and content creation.

### RAISE YOUR VOICE WEBSITE

- Intuitive Interface: User-friendly design for easy navigation and 30 preset options.
- Government Reporting: Direct submission of concerns using Google Maps API.
- Verification System: Robust authentication process for report credibility.
- Upvote for Priority: Upvote system for issue prioritization that was requested by more than 200 people.
- Data Analytics: Utilized analytics for government insights and resource allocation with 15 types of representations.

### EMOTION DETECTION USING CNN

- CNN classifies facial expressions into six basic emotions: happiness, sadness, anger, surprise, fear, and disgust.
- The CNN was trained using data sourced from the Kaggle Facial Expression Recognition Dataset that had 36,000 images.
- Utilizing Haar-like features and an integral image representation, the classifier is built using the AdaBoost algorithm to selectively focus on essential facial patterns. The accuracy was approximately 65%.

## CERTIFICATES

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[NPTEL- Advanced Algorithmic Trading and Portfolio Management-Elite](#)

[3 Infosys Springboard Certificates](#)

[HiCounsellor Data Science Project on a Study on NASA Astronauts](#)

## ACHIEVEMENTS

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**Skills:** R, Python, SQL, Data analytics, Predictive Modelling, Collaboration, Research

- Won first place in VNR Valorant Tournament with over 3000 hours of experience in the game
- Codechef programming competitive rating: 1678
- I Volunteered a logo design competition for CreatinAI, attracting more than 250 student participants.
- Volunteered for "Game-a-palooza" event for juniors with an attendance of 400 students
- Got 8th place in a coding contest conducted by VJ Hackslash.
- Did detailed research on GANs reading over 10 research papers in an attempt to create a text to handwriting project