

# P Srinivasa Praneeth

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## Education

### VIT BHOPAL UNIVERSITY

Bachelor of Engineering

Computer Science and Engineering

Cumulative GPA: 8.48/10

Relevant Coursework: DBMS, Software Engineering, Algorithms, Data Structures, Machine Learning

Bhopal, IND

Expected May 2026

### SHREE VASISHTA JR COLLEGE (Class 12)

Higher Secondary School | Percentage: 94.6

Nellore, IND

Jul, 2020 – Mar, 2022

### NARAYANA HIGH SCHOOL (Class 10)

Secondary School | Percentage: 99

Nellore, IND

Jun, 2019 – Mar, 2020

## UNIVERSITY PROJECTS

### HUMAN SCREAM DETECTION

Oct 2024 – Jan 2025

- Developed an ML system for detecting human screams with 95% accuracy using a custom audio dataset of 10,000+ samples.
- Preprocessed and augmented audio data to handle background noise, improving model robustness.
- Implemented CNN models, achieving a 92% F1-score in scream detection.
- Optimized model performance through hyperparameter tuning, reducing false positives.
- Integrated real-time detection for security applications with a processing speed of <50ms per audio clip.

### CONNECTIFY

Aug, 2023 – Dec, 2023

- Developed a full-featured social media platform using the MERN stack with posts, stories, and reminders.
- Implemented a responsive and dynamic UI with real-time feed updates for smooth user interaction.
- Integrated secure authentication and user role management to protect user data and access.
- Optimized backend APIs and database queries, reducing feed load time..

## CERTIFICATIONS AND ACHIEVEMENTS

- IBM Generative AI Certificate
- Full Stack MERN Certificate(Smartbridge)
- Solved 50+ problems in Leetcode and GFG.

## ADDITIONAL

**Technical Skills:** Python, SQL, C++, Operating Systems, Computer Networks, Pandas, Numpy, Matplotlib, Seaborn, Git, AWS cloud.

**Languages:** English, Hindi, Telugu.

**Web Development:** Html, JavaScript, MongoDB, Express.js, Node.js.

**Hobbies:** Watching Documentaries, Story-telling, Cricket.