

P Srinivasa Praneeth

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Education

VIT BHOPAL UNIVERSITY

Bachelor of Engineering

Computer Science and Engineering

Cumulative GPA: 8.54/10

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.

TEACH IT

Aug, 2023 – Dec, 2023

- Developed an online teaching platform allowing teachers to upload educational videos and students to view organized playlists for self-paced learning.
- Facilitated the upload and organization of educational videos across 10+ subjects.
- Designed user-friendly interface, increasing platform engagement among students.
- Integrated real-time analytics, allowing teachers to track student progress and video performance, improving learning outcomes.
- Optimized video streaming functionality, reducing buffering time and increasing video view rates by 50%.

CERTIFICATIONS AND ACHIEVEMENTS

- IBM Generative AI Certificate
- Full Stack MERN Certificate(Smartbridge)
- VITyarthi (Python)
- 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.