P Srinivasa Praneeth

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Education

VIT BHOPAL UNIVERSITY   Bhopal, IND
Bachelor of Engineering   Expected May 2026
Computer Science and Engineering
Cumulative GPA: 8.48/10
Relevant Coursework: DBMS, Software Engineering, Algorithms, Data Structures, Machine Learning

SHREE VASISHTA JR COLLEGE (Class12)   Nellore, IND
 Higher Secondary School |Percentage: 94.6   Jul, 2020 – Mar, 2022

NARAYANA HIGH SCHOOL (Class 10)   Nellore, IND
Secondary School | Percentage: 99   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   Feb,2024 – April, 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.

DEVPRACTICE   July,2025-Aug 2025
- Developed a full-stack web platform using the MERN stack, with uploading multiple files and extract Github repositories
- Integrated robust authentication, including both manual sign-up with password hashing and Google OAuth 2.0 for a seamless user experience..
- Implemented a comprehensive file and data management system that handles complex project submissions and displays them in a dynamic, responsive UI.
- Utilized Cloudinary for scalable cloud storage, demonstrating a practical approach to building production-ready applications

CERTIFICATIONS AND ACHEIVEMENTS

- IBM Generative AI Certificate
- Full Stack MERN Certificate(Smartbridge)
- Solved 70+ problems in Leetcode and GFG.

ADDITIONAL

Technical Skills: Python, C++, CNN, Machine learning, Git, SVM

Languages: English, Hindi, Telugu.

Web Development: HTML, JavaScript, MongoDB, Express.js, Node.js,SQL