

Venkata Sai Sasank

Fresher with knowledge of SQL, Python. Skilled in Frontend technologies and Backend Technologies also. Eager to apply technical skills to build efficient data solutions and support business growth.

Projects

Research on Python-based Noise and Echo Cancellation for Chirp Signals.

- In this project, It is specifically designed for Chirp Signals. The primary objective was to improve the quality and clarity of Chirp Signals by effectively eliminating undesired noise and echo.
- Technologies:- Python, Signal Processing Libraries.

Plant Disease Detection using Convolutional Neural Networks (CNN)

- Designed and implemented a CNN-based deep learning model for the detection and classification of plant diseases from leaf images. The system improves early identification of diseases and reducing crop damage, with high accuracy and efficiency in real-world agricultural environments.
- Technologies: Python, TensorFlow/Keras, CNN, NumPy, Matplotlib.

Dynamic and Responsive Library Management System

- The system includes user authentication, book search, and CRUD operations with an intuitive interface. It ensures seamless book management with real-time updates and a responsive design for an enhanced user experience.
- Technologies: ReactJS(frontend), Django(backend), MySQL(Database)

Design and Development of an Online Function Hall Reservation Platform

- Developed a function hall booking website that allows users to search for function halls, compare prices, and book functions. The website has been well-received by users and has helped to increase the number of bookings for function halls.
- Technologies: ReactJS(frontend), Django(backend), MySQL(Database), AWS

Interactive Customer Management Table with Search and Filtering Features

- Developed a React-based customer management table with advanced search functionality, allowing users to filter by name, location, date, and time. Implemented sorting and filtering options to enhance data organization and user experience access to specific user details.
- Technologies: React js, Node js, MongoDB.

Educational Background

Electronics and Communication Engineering

Sagi Rama Krishnam Raju Engineering College
2020- 2024

Contact

Hyderabad
8247699769
nvssasank1219@gmail.com
<http://nvssasankportfolio.great-site.net>
<https://www.linkedin.com/in/nimm-ana-sasank>

Skills

Technical Skills

- **Programming:** Python, SQL
- Data Structures and Algorithms
- **Databases:** MySQL, PostgreSQL, NoSQL
- **Frontend:** HTML, CSS, Javascript, React
- **Backend:** Django, Node js.
- Firebase Console

Tools/Software

- Vs Code
- Android Studio
- MySQL WorkBench
- Postman
- Arduino IDE

Certification/Short Courses

- Certified Full Stack Developer
- Certified CCNAv7 by Cisco
- Completed AWS Course
- Certified PCAP: Python by Cisco
- Certificate by Hackrank for Problem Solving.

Internships

- Full Stack Internship by Black Bucks Pvt Ltd.
- Android Developer Internship by EduSkills.

Professional Strengths

- Adept at analyzing and solving complex technical issues with innovative solutions.
- Quick learner with the ability to adapt to new technologies and environments efficiently.

Hobbies

- Playing Chess
- Creating static web pages