Venkata Sai Sri Ram Mallela

venkatasaisrirammallela@gmail.com — +91-9798629166 — github.com/in/venkatasaisriram

EDUCATION

VNR Vignana Jyothi Institute Of Technology.
Bachelor of Technology (B.Tech) - Artificial Intelligence and Data Science. **CGPA: 9.15**   November 2022 - Present

Narayana Junior College, Hyderabad, Telangana.
Intermediate. **CGPA: 9.62**   April 2020 - March 2022

Viswabharati English Medium High School, Gudivada, Andhra Pradesh.
10th class. **CGPA: 10.00**.   April 2019 - March 2020.

SKILLS

- **Programming languages:** Python, C,C++, JavaScript
- **Main Coursework:** Data Structures and Algorithms, OOPS, Probability and Statistics
- **Machine Learning and Deep learning:** Strong grasp on supervised, unsupervised algorithms and neural networks
- **Data Analysis and Visualization:** Skilled in handling data using Pandas and NumPy, and data visualization using Matplotlib library ,Tableau and PowerBI
- **Database Management:** SQL, Firebase Database
- **Frontend devolopment:** HTML, CSS, React framework

CERTIFICATES

IBM Micro Internship On Data Science ↗
- **Duration**: 20th February 2024 - 5th march 2024.
- **Description**: Gained knowledge on data wrangling, visualization, and machine learning with-hands on experience in python and R.

Natural Language Processing Specialization ↗
- **completed**: 13th August 2024
- **Description**: Gained comprehensive knowledge in NLP techniques and applications, including tokenization, sentiment analysis, named entity recognition, and machine translation. Applied concepts using Python libraries such as NLTK.

Python Bootcamp Certificate ↗
- **Conducted by**: VNR VJIET College in Collaboration with Codegnan
- **completed**: 18th October 2023
- **Description**: Participated in an intensive Python bootcamp focused on developing robust programming skills and applying Python in various domains. The course covered foundational and advanced Python concepts.

PROJECTS

Face Scan Attendance System ↗
- Developed an innovative Face-Based Attendance System that leverages cutting-edge facial recognition technology to streamline and automate attendance tracking.
- Engineered a robust solution that encodes facial data, securely stores it using pickle, and integrates Firebase for efficient management of user profiles and attendance records.
- Designed and implemented an intuitive user interface with Streamlit, enabling seamless image capture and real-time attendance marking, enhancing user experience and operational efficiency.

Emergency ChatBot ↗
- Created an advanced Telegram Emergency Chatbot to facilitate rapid and efficient reporting and management of emergency situations.
- Engineered a sophisticated system that engages users to collect vital information about emergencies, including incident type, location, and images, ensuring swift and accurate communication with emergency responders.
- Deployed an AI-driven chatbot that autonomously gathers critical emergency data, achieving a 30reduction in response time by expediting the delivery of actionable information to responders.

News Blog ↗
- Developed a dynamic web-based news blog application utilizing core HTML, CSS, and JavaScript technologies to deliver a user-friendly platform for publishing and viewing news articles.
- Designed and implemented key features for user interaction and intuitive navigation, enhancing the overall user experience and engagement with the content.

Law Mate: AI-Driven Legal Adviser ↗
- Developed LawMate, a sophisticated AI-driven legal advisory system designed to offer users precise legal advice based on Indian laws.
- Leveraged advanced language models and document retrieval technologies to analyze and interpret legal documents (PDFs and images), providing contextually relevant and accurate legal guidance.
- Implemented key features including file processing, text chunking and embedding, a conversational chain, and an interactive chat interface, ensuring a comprehensive and user-friendly legal support experience.

ACHIEVEMENTS

3rd Price,Project Expo ↗
- Technovista Event, VNR VJIET College.
- 12th June 2024
- Awarded for the project **Emergency ChatBot**.

Engaged in Bootcamps on Machine Learning, Python, AI etc
- VNR VJIET College.
- Gained hands-on experience on python ,Machine Learning and exploring AI concepts.