Deepak Srinivas

Hyderabad, Telangana | Ph: +91 7702898764| deepakbnivas882@gmail.com

EDUCATION

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY　　　　**Expected May 2025**

Bachelor of Engineering　　　　Hyderabad

Cumulative GPA: 8.2/10.0

Relevant Coursework: Data Analysis; Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

EXPERIENCE

Microsoft Innovation Hub　　　　**September 2023 – Present**

Graphic Designer　　　　Hyderabad

- Crafted compelling posters that attracted hundreds of participants to engage in the hackathon.

riMLand.　　　　**July 2023**

Graphic Designer　　　　Hyderabad

- Orchestrated the design initiative for a high-profile four-day AI/ML event, producing visually stunning graphics that captivated a record-breaking crowd of over 300 attendees, exceeding event revenue projections by 10%.

VJ Hack Slash-Department Programming club　　　　**June 2022 – Present**

Graphic Designer　　　　Hyderabad

- Designed visually compelling materials that demystified complex coding concepts, concurrently spearheading effective marketing strategies. Resulting in the successful attraction of a diverse community of over 50 coders to our club.

PROJECTS

WEATHER FORECASTING　　　　**November 2023**

- Boosted project performance with LSTM implementation, overcoming vanishing gradient issues in traditional RNNs, resulting in a 25% accuracy improvement.
- Conducted extensive data encoding for a 20,000-observation dataset with 8 parameters. Trained the model over 100 epochs, yielding precise predictions for rainfall measurements in centimeters.

riMLand APPLICATION　　　　**June 2023**

- Collaborated with a team of four to create a robust web application for the Rimland 4 day AI/ML event, capable of handling 10,000 concurrent requests.
- Optimized registration processes, enhancing participant experience by implementing features for comprehensive information on 7-8 events. Improved event details, resulting in a 20% boost in participant engagement and satisfaction.

CAMPUS-QUERY-BOT　　　　**March 2023**

- Seamlessly integrated voice recognition into the chatbot using SpeechRecognition for input and leveraged Pyttsx3 for audio output. Resulted in a 30% improvement in user interaction and overall satisfaction.
- Strategically curated an extensive dataset exceeding 500 samples, showcasing unwavering commitment to precision. This effort guarantees the delivery of impeccably accurate training data, elevating intent recognition sophistication in the chatbot.

HAND GESTURE VOLUME CONTROL　　　　**November 2022**

- Engineered a novel project using OpenCV to dynamically control laptop audio volume through hand gestures. Implemented precise distance data between two points in images, incorporating thousands of pixels. Resulted in a seamless and interactive user experience.
- Applied computer vision techniques to detect gestures, enabling intuitive laptop volume control from 0 to 100. Delivered a hands-free and interactive audio experience.

ACTIVITIES

SOFTWARE HACKATHON IN A ANNUAL TECHNICAL FEST　　　　**December 2023**

Technical Mentor　　　　Hyderabad

- Mentored over 5 teams by providing guidance in ideation and addressing queries, fostering a collaborative learning environment and contributing to their project development journey.

riMLand AI/ML EVENT　　　　**June 2023**

Event Volunteer　　　　Hyderabad

- Volunteered for the "riMLand" event to engage with 250 participants.

CODING CONTEST

June 2022

Event Volunteer   Hyderabad

- Volunteer for the coding contest to correctly convey the rules of the contest to 100 participants.

ADDITIONAL

Technical Skills: MERN Stack, Reactjs, Nodejs, Git, Github, Azure

Languages: C/C++, Java, JavaScript, python, R

Certifications & Training: Innovation spark (Certificate for achieving 2nd place in Innovation spark competition), Supervised Machine Learning (Certificate from Coursera issued for completion of the course by AndrewNg), Introduction to Natural language processing (Certificate by Analytics Vidya)