

# Deepak Srinivas

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## EDUCATION

### VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Hyderabad

Bachelor of Engineering

Expected 05/2025

Cumulative GPA: 8.2/10.0

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

## EXPERIENCE

### GRAPHIC DESIGNER

Hyderabad

VJ Hack Slash-Department Programming club

June 2022 – Present

- Created visually engaging materials to simplify coding concepts and effectively marketed our club, attracting a diverse community of coders.

Microsoft Innovation Hub

Sept 2023 – Present

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

riMLand

July 2023

- Led the design initiative for a four-day AI/ML event, crafting captivating graphics that successfully drew a large and enthusiastic crowd.

## PROJECTS

### CAMPUS-QUERY-BOT

03/2023

- The chatbot integrates voice recognition through the SpeechRecognition library for input and utilizes Pyttsx3 for generating audio output responses.
- The dataset was manually crafted, ensuring precision and relevance to provide accurate training data for intent recognition in the chatbot.

### WEATHER FORECASTING

11/2023

- This project leverages LSTM due to the vanishing gradient problem encountered in traditional RNNs.
- With a dataset containing 20,000 observations and 8 parameters, the model was meticulously trained over 100 epochs after encoding the data. This resulted in accurate predictions, including rainfall measurements in centimeters.

### HAND GESTURE VOLUME CONTROL

11/2022

- Engineered a novel project leveraging OpenCV, where laptop volume was dynamically controlled through hand gestures.
- Implemented computer vision techniques to detect gestures, allowing users to intuitively increase the laptop volume from 0 to 100, providing a hands-free and interactive audio experience.

### riMLand APPLICATION

6/2023

- 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.
- Successfully implemented features including seamless registrations and comprehensive 7-8 events information, enhancing the overall experience for participants with details on timings, venue, etc.

## ACTIVITIES

### SOFTWARE HACKATHON IN A ANNUAL TECHNICAL FEST

Hyderabad

Mentor in the few teams

12/2023

- Mentored over five 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

Hyderabad

Volunteer for the Event

6/2023

- Volunteered for the "riMLand" event to engage with 250 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)