

Vigna Ramtej Telagarapu

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Education

Sagi Ramakrishnam Raju Engineering College, Bhimavaram
B.Tech in Artificial Intelligence and Data Science

CGPA - 8.65* / 10.00
2022 – Present

Technical Skills

Programming Languages: Python, C++, Java, C, JavaScript, PHP

Technologies/Frameworks: React.js, Redux, Node.js, Express.js, TailwindCSS, Material UI, Django

Databases: MySQL, MongoDB

Libraries & Tools: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Git

Other Skills: Data Structures and Algorithms

Projects

Tic Tac Toe Game with AI

Jan 2024 – Feb 2024

Python, Flask, HTML, CSS, JavaScript

- Developed an interactive Tic Tac Toe game with a user-friendly interface and an intelligent computer opponent powered by the Min-Max algorithm
- Used Flask to manage the game state and integrate the Min-Max algorithm for the computer opponent.

Quiz App

June 2024 – July 2024

React.js, MongoDB, Node.js, Express.js, MaterialUI

- Utilized Open Trivia DB API to fetch quiz questions.
- Displayed a list of available quiz categories for users to choose from.
- Designed a scoreboard feature to track and display user scores, enhancing user motivation and engagement.

Online Resume Builder

July 2024 – Aug 2024

Django, HTML, CSS, SQLite

- Developed a comprehensive application aimed at simplifying the resume creation process for users
- Add and manage sections (Education, Work Experience, Skills, Projects, Certifications) with drag-and-drop functionality.
- Developed responsive frontend for an enhanced user experience.

Experience

Student Ambassador

Mar 2024 – Present

AICTE IDEALAB

- Conducted research on reinforcement learning algorithms for robotics
- Implemented and evaluated deep RL models using PyTorch and RLlib
- Presented findings at weekly research meetings

Web Development Intern

Dec 2023 – Jan 2024

CodSoft

- Conducted research on reinforcement learning algorithms for robotics
- Implemented and evaluated deep RL models using PyTorch and RLlib
- Presented findings at weekly research meetings

Bhimavaram, AP

Achievements

- **SIH Internal Hackathon Winner** - Smart India Internal Hackathon 2023 Shortlisted Conducted by the SRKR Engineering College Bhimavaram, among 100+ participants .
- **MERN Event Coordination: Recognized Technical Support.** - Coordinated MERN stack 5 day bootcamp 24hr hackathon, lauded for technical support, collaboration with Brain O Vision.