

Vigna Ramtej Telagarapu

9032149776 | vignaramtej46@gmail.com | LinkedIn | Github

Education

Sagi Ramakrishnam Raju Engineering College, Bhimavaram

B.Tech in Artificial Intelligence and Data Science

CGPA - 8.51* / 10.00

2022 – Present

Experience

Full Stack Development Intern at IIDT BlackBucks

Jun 2024 – Jul 2024

- Led the development of a Resume Builder application, streamlining the resume creation process by enabling users to add and manage sections such as Education, Work Experience, Skills, Projects, and Certifications.
- Integrated backend services to store and manage user data securely, ensuring a smooth and efficient resume-building experience.

Projects

AMILE

amile.vercel.app

- Contributed to the development of AMILE (Advanced Machine for Interview and Learning Expert) for the Smart India Hackathon, focusing on both Full Stack and ML. an AI-driven platform designed to revolutionize job and interview preparation.
- Developed the web interface with secure authentication and authorization, seamlessly integrating the web platform with ML models and APIs for a interactive interview simulation experience. Designed a user-friendly interface supporting text, voice, and video interactions with personalized feedback.

Quiz App

quiz-app.vercel.app

- Developed a fully functional quiz application that leverages the Open Trivia DB API to dynamically fetch quiz questions, providing a wide range of categories and difficulty levels for users.
- Implemented lazy loading to optimize performance and enhance user experience by loading content as needed, improving page load times and resource management. Designed an intuitive user interface that allows users to browse and select quiz categories based on their interests, boosting engagement through smooth navigation and interactive design.

Tic Tac Toe Game with AI

- 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.

Resume Builder

- Developed a comprehensive web application designed to streamline the process of resume creation, providing users with a user-friendly interface to create and customize professional resumes.
- Integrated backend services to securely store and manage user data, ensuring persistence and ease of access for future updates and modifications to the resume.

Positions of Responsibility

MERN Event Co-ordination [MERN Stack 12 Day Bootcamp and Hackathon]

Aug 2024

- Served as a tech team member at the Vedic Vision MERN Bootcamp and 24-Hour Hackathon, supporting 250+ participants across 50 teams in tackling health and sports challenges.
- Provided technical assistance, troubleshooting, and ensured smooth event execution, fostering innovation and collaboration in the hackathon.

Technical Skills

Technologies/Frameworks: HTML, CSS, JavaScript, React.js, Node.js, Angular.js

Programming Languages: Python, C++, SQL, NoSQL(MongoDB)

Libraries & Tools: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Git, Jupyter Notebook, LaTeX, VS Code

Other Skills: Data Structures and Algorithms

Achievements

- **SIH Internal Hackathon Winner** - Smart India Internal Hackathon 2023 Shortlisted Conducted by the SRKR Engineering College Bhimavaram, among 100+ participants. Awarded as junior best team.
- **LeetCode Problem Solving** - Solved nearly 90 problems on LeetCode, demonstrating strong problem-solving skills and proficiency in algorithms and data structures.

Certifications

- **NPTEL Certification: Programming in Java (70%)** - Completed the NPTEL course offered by IIT Kharagpur, the course covered OOP principles, exception handling, multithreading, data structures like arrays and linked lists, and Java APIs.
- **NPTEL Certification for the Course - Data Science for Engineers (84%)** - Completed the NPTEL course offered by IIT Madras, which covered essential data science concepts such as data preprocessing, statistical analysis and data visualization techniques with R.