SREE HARI CHANDRA PRASAD

B.Tech.

Computer science Engineering

Vellore Institute of Technology , Vellore

+91 7981979909

chandua.royal@gmail.com

Github

LinkedIn

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Vellore Institute of Technology, Vellore	8.18 (Current)	2021-2025
Senior Secondary	Sri Chaitanya junior college, Hyderabad	97.0%	2019-2021
Secondary	Dr.KKR Gowtham, Vijayawada	9.70	2019

EXPERIENCE

- **Clinigo**   *September 2023 - November 2023*

  Full Stack Intern   Remote, India

  – Collaborated with a development team to build user-friendly websites using React.js, Node.js, Express.js, and MongoDB. Contributed to backend development and managed company web services. Gained hands-on experience in database management, React.js, API development. Strengthened skills in full stack development, tackling end-to-end project management and practical problem-solving challenges

PROJECTS

- **Olympic Medal Prediction Model**   *2024*

  [Python | Scikit-learn | Pandas | Matplotlib | Data Pre-Processing]   Github

  – Built a machine learning model to predict Olympic medal counts based on prior Olympic results, using Google Colab for development. Designed to estimate current Olympic medal achievements by analyzing data from previous events. Leveraged Python, Scikit-learn, Pandas for model building. Preprocessed data, applied linear regression, and incorporated feature engineering to enhance accuracy. Achieved an R^2 score of 0.81, indicating high accuracy in predicting medal counts.

- **CabShare: Innovative Ride-Sharing Application**   *2024*

  [Next.js | Socket.IO | MongoDB | Next-AUTH | shadcn UI]   Github

  – Developed a dynamic cab sharing application using Next.js, MongoDB and Socket.io. Integrated Maps API for autocomplete, geocoding, and calculating short distances. Enabled real-time cab request and matching within a 5 km radius using geo-spatial queries. Implemented a chat feature for users upon request acceptance, enhancing communication and user experience.

- **WaveX-DashBoard and report**   *2024*

  [PowerBI |Data Transformation|Power Query Editor]   Github

  – Simplified Decision-Making: Using Power BI, I created extensive reports on sales and HR, combining data from multiple sources to improve the precision of my decisions. – Creation of a Unified Dashboard: merged sales and HR data into a single dashboard that showed clear, actionable insights at a glance, which increased operational efficiency. – Enabled Proactive Strategy: For the next two years, proactive planning and strategic decision-making were made possible by using predictive analytics to forecast trends and visually highlight key performance indicators.

- **Todo Full Stack**   *2023*

  [ReactJs | ExpressJs | MongoDB]   Github

  – Built a comprehensive task management application using the MERN stack (MongoDB, Express.js, React.js, Node.js), incorporating a user-friendly, responsive UI designed with Tailwind CSS. Added a chat feature to enhance user collaboration, enabling users to communicate seamlessly within the app. Developed robust backend APIs to ensure smooth data handling and secure interactions between frontend and backend.

SKILLS

- **Programming**: Java, Python, JavaScript
- **Web Technologies:**: HTML, CSS, React.js ,Next.js, NodeJs, ExpressJs, Websockets
- **Databases** : NoSQL(MongoDB), SQL(MySQL)
- **Tools**: PowerBI, VsCode, Git
- **Others**: Data Structures ,Supervised Learning, Scikit-learn

CERTIFICATIONS

- **Machine Learning Specialization**: DeepLearning.AI
- **Full Stack**: MERN FULL STACK – ETHNUS
- **Problem Solving**: Solved 200 plus questions on multiple coding platforms.(LeetCode ,Coding Ninjas)