VENU TEJASWI MANDAGIRI

Chirala, Andhra Pradesh

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Education

Lovley Professional University   **Aug 2021 – July 2025**
B.tech in Information Technology CGPA - 7.72   *Jalandhar , Punjab*

Sri Gowthami Junior College   **Aug 2019 – May 2021**
MPC percentage - 96   *Chirala , AP*

Relevant Coursework

- Data Structures
- Operating System
- Machine Learning
- Computer Network
- Software Methodology
- Database Management
- User Experience
- Cloud Computing

Experience

CodersCave   **June 2021 – July 2021**
Data Analyst   *Coimbatore, Tamil Nadu*

- Leveraged Python libraries (NumPy, Pandas, Matplotlib) to perform Exploratory Data Analysis (EDA) on a house price dataset.
- Cleaned and preprocessed data to ensure its accuracy and usability for further analysis.
- Created data visualizations to identify trends, patterns, and relationships within the data.
- Utilized data insights to gain a comprehensive understanding of house pricing factors.

Projects

Real-Time Chat Application   **January 2024**
- Developed a robust, full-stack chat application using MERN, Socket.io, TailwindCSS, and DaisyUI.
- Implemented secure authentication (JWT), real-time messaging, online user status, and efficient state management (Zustand).
- Ensured reliability through comprehensive error handling.

Portfolio Website—   **November 2020**
- Developed a dynamic, responsive portfolio showcasing my skills and projects using React.js. Effectively utilized React components and state management to create an engaging user experience.
- Implemented clean, modern design aesthetics to highlight my work.
- Demonstrated proficiency in building interactive web applications with React.

MacOS-Inspired Scientific Calculator | **October 2020**
- Built a highly functional scientific calculator replicating the macOS UI using React.js.

Technical Skills

Languages: Python, C++, C, HTML/CSS, Dart, SQL
Developer Tools: VS Code, Eclipse, AWS, Azure , MYSQL, Tableau
Technologies/Frameworks: Linux, Jenkins, GitHub, Flutter, SonarQube, Docker
Monitering Tools: Graphana, Prometheus
Libraries: Numpy, Pandas, skitlearn

Achievements / Extracurricular

- **Secured a position in top 5 teams in Smart India Internal Hackathon.**   **November 2023**
  Built-in chatbot (Dialogflow) guides users, while SOS feature (Firebase) sends alerts for help. Empowers users and promotes safety. .
- **Secured First Runner up in ML build-a-thon .**   **April 2023**
  Cleaned and preprocessed the given dataset and build a model which predicts the employees productivity .
- **Data Analysis and Visualization Virtual Internship from Forage.**   **April 2023**
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Certifications

- **AWS Academy Graduate - AWS Academy Cloud Foundations**   **Feb 2024**
  Learned about aws services such as ec2 , s3 , lamda and cloud concepts .
- **Problem Solving -Intermediate from Hacker Rank**   **Jan 2024**
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