JALLA JAGANNADHARAO

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Education:

- B. Tech, CSM (CSE in AI & ML) | Raghu Engineering College, CGPA: 8.5 (Aug 2023-June 2026)
- Diploma, Mechanical Engineering | Sanketika Polytechnic College, CGPA: 8.5 (Nov 2020-June 2023)
- 10^{th} standard (State) | Sai Chaitanya Vidya Niketan, 100% (2020)

Certifications:

- Generative AI using Oracle cloud infrastructure | Oracle University
- Machine Learning using python | Ex offered by IBM
- Python | Hacker Rank
- Java | Skill Rack
- SQL | Skill Rack
- Web Development with Html, CSS and JavaScript | edX offered by IBM
- AutoCAD | Datapro

Skills:

- C
- C++
- Python
- Java
- Machine learning
- Generative AI
- SQL
- Html
- CSS
- Data Structures
- AutoCAD

Experience:

Google Developers
AI-ML Virtual Internship
Apr 2024 - Jun 2024

- Completed a virtual internship focused on AI and ML technologies, utilizing TensorFlow to develop predictive models. Designed and implemented a machine learning algorithm that improved predictive accuracy, enabling enhanced data-driven decision-making for a key project.

Talent Lad
Machine Learning Internship
April 2025 – Jun2025

- I used python libraries including NumPy, Pandas, and Scikit-learn to engineer features, develop and fine-tune predictive models using supervised and unsupervised algorithms. I

employed cross-validation, hyperparameter optimization, and performance metrics (AUC, F1-score) to ensure robust model evaluation, complemented by data visualization with Matplotlib for comprehensive insight generation.

Bharat heavy electricals limited, Visakhapatnam
Industrial Training
Jul 2022 - Jan 2023

- Assisted in the design and testing of vessel and turbine components at BHEL, leveraging AutoCAD software to enhance prototype accuracy and contribute to efficient power generation solutions. Participated in hands-on training for manufacturing processes and assembly line integration, gaining practical experience in engineering and production workflows**.**

Projects:

Chatbot using Oracle Cloud Infrastructure

- I developed an interactive chatbot using Oracle Cloud Infrastructure (OCI). The chatbot was designed using Oracle Digital Assistant to handle common user queries through a conversational interface. Through this project, I gained hands-on experience with cloud deployment, chatbot development, basic natural language processing (NLP), and Oracle's cloud ecosystem.
- Implemented Large Language Models (LLMs) and generative AI in the chatbot by creating prompt-based workflows on Oracle Cloud Infrastructure. This helped the chatbot interpret user questions better and generate meaningful, human-like replies, making the conversation more natural and effective.

Library Management System

- Developed a comprehensive library management system using java, focusing on streamlining the operations of managing library resources. this project involved designing and implementing features such as user authentication, book inventory management, and borrowing/returning functionalities.
- Key features: book inventory, borrowing system, search functionality, reporting, technologies used: JAVA, JDBC, MYSQL, this project showcases my skills in object-oriented programming, database management, and creating user-friendly applications.

Design and Assembly of a Vessel

- Led the design and assembly of a vessel project utilizing AutoCAD software, focusing on developing detailed engineering drawings and assembly plans. This project involved the comprehensive design of the vessel's structure and components, ensuring adherence to industry standards and specifications.
- Conducted testing and quality assessments of vessel components, troubleshooting and optimizing designs to meet safety and performance criteria.
- Created comprehensive assembly documentation and instructions, facilitating effective collaboration with the construction team for the accurate and timely assembly of the vessel.