MANOJ KRISHNA DONDAPATI

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Career Objective

I am a recent Computer Science graduate who writes clean, efficient code and understands how software solves real-world problems. I have built small-scale projects from scratch, debugged issues with persistence, and refined solutions based on feedback. I quickly learn new frameworks and ask the right questions to keep work moving forward. I aim to contribute to a development team that values curiosity, structure, and high-quality code.

Education

- **KL University** — *2021-2025*
  Bachelor of Technology in Computer Science and Engineering Hons. — CGPA: 9.12

- **Sri Chaitanya Jr. College** — *2019-2021*
  Board of Intermediate Education, Andhra Pradesh — Percentage: 82

- **Dr KKR's EM High School** — *2019*
  Board of Secondary Education, Andhra Pradesh — CGPA : 9.8

Personal Projects

- **Stock Market Price Analysis and Prediction**
  Built a Streamlit app for stock market prediction using ML models and sentiment analysis.
  - Developed an interactive Streamlit web application for Indian stock market prediction using Prophet and Random Forest models. Integrated live price visualization, news sentiment analysis with TextBlob, and financial data from Yahoo Finance to enhance forecasting accuracy.

- **StegaVault: Secure Data Hiding in Images**
  Built StegaVault, a secure tool for embedding encrypted data into images
  - Developed StegaVault, a secure steganography application using Python and Streamlit to hide messages, files, and camera-captured content inside images. Integrated military-grade encryption (Fernet) with LSB encoding, real-time visualization, heatmap analysis, and hidden data detection for robust data security.

- **Text Extraction from Images with AWS Services Using Telegram Bot**
  Created a Telegram bot to extract text from images using AWS services.
  - Developed a Telegram bot that extracts text from images using AWS services like Textract and Lambda. Automated image processing and OCR tasks with real-time responses, enabling efficient text retrieval and cloud-based integration.

Technical Skills and Interests

Languages: Python , SQL , HTML , CSS
Developer Tools: VS Code , PyCharm , Eclipse, GitHub , Postman , Docker
Frameworks: React, Django, Spring, Hibernate, Spring Boot, Node.js, Flask
Cloud Technologies: AWS, Google Cloud, Docker
Databases: MySQL, PostgreSQL, MongoDB, Firebase
Version Control: Git, GitHub, Bitbucket
Soft Skills: Communication, Problem Solving, Time Management, Attention to detail, Conflict Resolution, Teamwork, Adaptability, Leadership, Emotional Intelligence
Coursework: Operating Systems, Database Management, Computer Networks, Automata Theory and Formal Languages, Software Verification and Validation, UX Design, Machine Learning, Data Structures and Algorithms, Cloud Computing
Areas of Interest: Software Development, Full Stack Web Development, Cloud Computing, Machine Learning, DevOps, Cybersecurity, Artificial Intelligence, Data Science

Certifications

- **AWS Cloud Practitioner CLF-C01** — *July 13 2023*
- **Red Hat Certified Enterprise Application Developer** — *Aug 10 2023*
- **Google Cloud Certified Associate Cloud Engineer** — *Mar 30, 2024*
- **Aviatrix Certified Engineer Multicloud Network Associate** — *July 02, 2024*