

CHANDU VEMULA

AIML|PROGRAMMER|CREATICALTHINKER|PROBLEM SOLVER

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PROFESSIONAL SUMMARY

I specialize in Artificial Intelligence and Machine Learning at Guru Nanak University, Hyderabad, with a growing expertise in Python programming, web development, and practical software design. Known for building robust, user-friendly applications—from calculators and quizzes to input analyzers—while continuously refining code for clarity and efficiency. Quick to debug, eager to learn, and committed to delivering clean, modular solutions. Currently developing a personal portfolio website to showcase projects and learning milestones. Open to internships, part-time roles, and volunteering opportunities that align with tech innovation or public service.

PROJECTS

TECHNICAL PROJECTS

Using Program language AUG 2024 - SEP 2024

- AI-Powered Resume Screener (use NLP to rank resumes for a job description).
- Stock Price or Crypto Price Prediction (time series forecasting).
- Fake News Detection System (train ML/NLP models to classify articles).
- AI Chatbot (domain-specific chatbot with RAG using LLMs) Etc..

ELECTRONICS PROJECTS

DEC 2024 – FEB 2025

Electronics + AI Integration

Smart Surveillance System, Raspberry Pi + Camera + ML for face recognition or intruder detection., AI-Powered Traffic Light System, Detects vehicle density using camera and adjusts signal timing dynamically, Health Monitoring Wearable-Heartrate + SpO2 sensors + Bluetooth app + AI anomaly detection Etc...

EDUCATION

BACHELOR OF TECHNOLOGY

AIML Computer Science

Guru Nanak University, Hyderabad

SKILLS

AIML skills in Python programming, machine learning frameworks like TensorFlow and PyTorch, and data structures and algorithms. Experience with model training, data preprocessing, and neural networks, along with your ability to visualize insights and communicate clearly. Familiarity with Git, cloud platforms, and ethical AI practices. Creativity and impact, hackathon achievements, and research. My work reflects innovation and responsibility.

CERTIFICATIONS

- Google Analytics Certified
- Google Ads Measurement Certificate
- Oracle Professional Certification,