

RAMAGIRI VARDHAN

Computer Science & Engineering Student

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EDUCATION

Vellore Institute of Technology, AP
Bachelor of Technology in Computer Science & Engineering
Expected Graduation: 2025 | CGPA: 8.5/10

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C++, SQL
Web Development: React, Node.js, Express, MongoDB, REST APIs
Machine Learning: TensorFlow, PyTorch, Scikit-learn, NLP, Computer Vision
Tools & Technologies: Git, Docker, Linux, AWS, PostgreSQL

PROJECTS

GreenBridge Plant Marketplace

Full-stack MERN e-commerce platform with secure payments, user sessions, and admin dashboard.

Tech: React, Node.js, MongoDB, Express, Stripe API

Emotion-Based Music Player

AI-powered music recommendation system using BERT for emotion detection and Spotify API integration.

Tech: Python, BERT, React, Spotify API, NLP

BERT Emotion Classifier

Fine-tuned transformer model for emotion classification with active learning pipeline.

Tech: PyTorch, Transformers, FastAPI, Docker

CODING PLATFORMS

LeetCode: 300+ problems solved, 150+ medium, 100+ hard

CodeChef: 3-star coder, 500+ problems solved, 1750+ rating

HackerRank: 5-star gold badges in Python and Problem Solving

EXPERIENCE

Backend Development Intern | XYZ Tech

Summer 2024

Developed high-performance REST APIs, optimized database queries (40% improvement), implemented comprehensive testing.

Research Assistant | ABC Research Lab

2023-Present

Generated from portfolio.ramagirivardhan.com | Last updated: 10/12/2025

NLP research focusing on emotion detection, dataset curation, and multimodal emotion recognition.