VEJANDLA CHAKRISH

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Education

Vellore Institute of Technology (VIT) — July 2026
B.Tech in Computer Science (AI and Machine Learning) — *CGPA: 9.05/10*

Dr. Zakir Hussain College — 2020 – 2022
Intermediate (11th - 12th) — *Score: 954/1000*

Narayana E.M. High School — 2019 – 2020
10th Class — *Score: 597/600*

Work Experience

AI Intern – SmartInternz — July 2024
Artificial Intelligence using Google TensorFlow
- Developed and trained 3+ deep learning models for image classification and NLP using TensorFlow, achieving 95% accuracy.
- Enhanced model performance by 20% through optimization and hyperparameter tuning.

Projects

Dance Form Classification – Image Classifier — Accuracy: 98.24%
- Classified 8 Indian classical dance forms using CNNs for digital preservation and education.
- Used VGG16 + ResNet50 via transfer learning; achieved 93% validation accuracy.
- Deployed with Flask app for real-time predictions.

SURCH – AI-Powered Semantic Search Engine — BERT, FAISS
- Designed hybrid search system using BERT, BM25, and FAISS with transformer-based re-ranking.
- Achieved 87% top-5 rank accuracy and sub-70ms latency.
- Enhanced personalization via reinforcement learning and contextual bandits.

ALLY NET – Community Help Platform — Flask, SQLite
- Built a real-time geolocation-based platform to connect people in need with nearby volunteers.
- Integrated emergency alerts, increasing volunteer engagement by 25%.

Accident Detection System — Arduino Uno, C++
- Implemented real-time accident detection using sensors with 95% accuracy.
- Reduced response time by 30% and improved safety through timely reporting.

Certifications

- Artificial Intelligence using Google TensorFlow – July 2024
- Machine Learning and AI with Python – May 2024
- Oracle Cloud Infrastructure Generative AI – July 2025

Skills

- **Programming Languages:** Python, Java, C
- **Web Technologies:** HTML, CSS, JavaScript, Flask
- **Databases:** MySQL, PostgreSQL
- **Tools/Platforms:** Git, Google Colab, VS Code, Canva, Jupyter
- **AI/ML Frameworks:** TensorFlow
- **Cloud DevOps:** Linux (basics)
- **Soft Skills:** Problem-solving, Communication, Time Management

Interests

- Music Podcasts
- AI Ethics Trends
- Badminton