

VEJANDLA CHAKRISH

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LinkedIn Profile | GitHub Profile

Education

Vellore Institute of Technology (VIT) <i>B.Tech in Computer Science (AI and Machine Learning)</i>	July 2026 CGPA: 8.89/10
Dr. Zakir Hussain College <i>Intermediate (11th - 12th)</i>	2020 – 2022 Score: 954/1000
Narayana E.M. High School <i>10th Class</i>	2019 – 2020 Score: 598/600

Work Experience

AI Intern – SmartInternz <i>Artificial Intelligence using Google TensorFlow</i>	July 2024
<ul style="list-style-type: none">– 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 <ul style="list-style-type: none">– 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.	Accuracy: 98.24%
SURCH – AI-Powered Semantic Search Engine <ul style="list-style-type: none">– 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.	BERT, FAISS
ALLY NET – Community Help Platform <ul style="list-style-type: none">– Built a real-time geolocation-based platform to connect people in need with nearby volunteers.– Integrated emergency alerts, increasing volunteer engagement by 25%.	Flask, SQLite
Accident Detection System <ul style="list-style-type: none">– Implemented real-time accident detection using sensors with 95% accuracy.– Reduced response time by 30% and improved safety through timely reporting.	Arduino Uno, C++

Certifications

- Artificial Intelligence using Google TensorFlow – July 2024
- Machine Learning and AI with Python – May 2024

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