# VEJANDLA CHAKRISH

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LinkedIn Profile | GitHub Profile

## Education

**Vellore Institute of Technology (VIT)** July 2026
*B.Tech in Computer Science (Artificial Intelligence and Machine Learning)* *CGPA: 8.93/10*

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

**Narayana E.M. High School** 2019 - 2020
*10th Class* *Scored: 598/600*

## Work Experience

**Artificial Intelligence using Google TensorFlow** July 2024
*SmartInternz - AI Internship*

- Developed and trained 3+ deep learning models using TensorFlow for applications like image classification and NLP, achieving an average accuracy of 95%.
- Acquired in-depth understanding of AI concepts and TensorFlow framework, enabling a 20% improvement in model efficiency.

**NextGen Cloud Club (NGC)** 2023 - 2024
*Member*

- Coordinated five high-impact technical events focusing on cloud computing and emerging technologies; attracted over 300 participants, fostering networking and knowledge-sharing among industry leaders and innovators.

## Projects

**Detecting Tomato Plant Disease through Leaf Image Analysis** Accuracy: 98.24%

- Built and trained a CNN model to detect tomato plant diseases, achieving high accuracy.

**Library Database Management System** Using MySQL

- Engineered a comprehensive database management system that streamlined library data handling, reducing book tracking time by 40 hours per month while enhancing the accuracy of inventory records and user accessibility.

**ALLY NET - Neighborhood Help Network** Using Flask, SQLite

- Developed a geolocation-based platform to connect individuals needing help with nearby volunteers in real-time, enabling 80% faster assistance requests.
- Integrated emergency alerts and request management, streamlining community support and mutual aid, resulting in a 25% increase in volunteer engagement.

**Accident Prevention and Reporting System** Using Arduino Uno, C++

- Designed and implemented a real-time accident detection system using Arduino sensors, reducing accident response time by 30% and lowering accident rates by 20%.
- Enhanced system reliability with 95% detection accuracy, ensuring timely reporting and prevention measures.

## Certifications

- Artificial Intelligence using Google TensorFlow
- Machine Learning and AI with Python

## Technical Skills

- **Programming Languages:** Java, Python, C
- **Web Development:** HTML, CSS, JavaScript
- **Database:** MySQL, PostgreSQL
- **Tools:** Git, Google Colab, Canva, VS Code
- **AI/ML Skills:** ChatGPT API, Generative AI's

## Hobbies

- Badminton
- Listening to Music
- Playing Mobile Games