# Shetty Meghana

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## EDUCATION

**VNR Vignana Jyothi Institute of Engineering and Technology**                **2022 - Present**
*B.Tech - Computer Science and Engineering (Data Science) | CGPA - 9.06*                *Hyderabad, India*

**Sri Chaithanya Junior College**                **2020 - 2022**
*Intermediate - MPC | Percentage - 98.5%*                *Hyderabad, India*

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C++, SQL
**Frameworks/Tools:** ReactJS, Flask, MongoDB, Tableau, Microsoft Excel
**Course Work:** Data Structures & Algorithms, OOPS, Operating Systems, DBMS

## WORK EXPERIENCE

- **AI Developer Intern | Summer of AI, Viswam.ai** [Work]                *May 2025 – Aug 2025*
  Contributed to India's first Telugu LLM by building a Text-to-Speech avatar, executing data engineering, fine-tuning, and NLP/speech synthesis for low-resource languages; collaborated with IIIT Hyderabad, Meta, and Swecha in the end-to-end LLM development lifecycle.

## PROJECTS

**HRMS Platform (Developed for Avows IT Solutions Pvt. Ltd.)** | React, Node.js, PostgreSQL                **GitHub**
- Engineered a full-stack HR platform with interactive dashboards, payroll automation, and role-based access to optimize workforce operations.
- Designed secure REST APIs and PostgreSQL-backed logic enabling scalable, real-time employee and leave management.

**Smart Attendance System (for College Use)** | Python, OpenCV, Firebase, Tkinter                **GitHub**
- Implemented a facial recognition–based attendance system with live video capture and automated identity verification using OpenCV.
- Integrated Firebase Firestore for real-time student data management and built a Tkinter GUI for registration, model training, and attendance reporting.

**Alpaca Recognition** | Python, TensorFlow/Keras, EfficientNet-B3                **GitHub**
- Developed a Deep Neural Network using TensorFlow and EfficientNet-B3 to classify Alpaca images with high accuracy.
- Optimized training through advanced image preprocessing, model tuning, and performance evaluation techniques.

## CERTIFICATIONS

- Google Data Analytics Professional Certificate - Coursera [Certificate]
- Python Programming - Udemy [Certificate]
- ChatGPT Prompt Engineering - DeepLearning.AI [Certificate]

## ACHIEVEMENTS

- Presented and published a research paper on educational equity at ICAMADA-2024, analyzing disparities in student learning outcomes using advanced statistical modeling; featured in the Nano NTP Journal [Link].
- Selected among top students in India for Amazon ML School 2025, a premier program offering hands-on exposure to cutting-edge machine learning and AI practices. [Link]
- Semi-finalist in the prestigious Google Girl Hackathon and Flipkart GRID 7.0, showcasing innovation, problem-solving, and technical skills on a national platform. [Link]

## LEADERSHIP

- Led 4.3 tons rice collection, 700+ units blood donation and 1500+ seed balls afforestation drive.
- Contributed as a student leader in Stentorian, English Literature Club - coordinated events, mentored juniors, and contributed to organizing inter-college literary competitions.