

# Ramya Sri Yalamarti



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## EDUCATION

GMRIT Institute of Technology (GMRIT), Rajam

Bachelor of Technology in Computer Science and Engineering (AI & ML) (CGPA – 9.3/10.0)

2021– 2025 (Expected)

Rajam, Andhra Pradesh

Sri Chaitanya Junior College

Andhra Pradesh State Board Of Intermediate Education (Percentage: 96.00%)

2019-2021

Vizag, Andhra Pradesh

## EXPERIENCE

### Quality Assurance and Engineering Intern | Cognizant Technological Solutions

Jan 2025- Present

- Gained hands-on experience in Java, SQL, Functional Testing and Selenium.
- Automated Flipkart website features like searching, adding products to cart and validation of prices for testing.
- Collaborated with team members for Hackathon Project.

### Research and Development Intern | Andhra University

Aug 2024 – Nov 2025

- Developed a malware detection solution with transformer models, achieving 99.2% accuracy and enhanced efficiency.
- Co-authored a research paper on advanced malware detection using transformer-based models, achieving **99.2% accuracy**.
- Tech stack: Machine Learning, Deep Learning

## SKILLS AND INTERESTS

- **Programming Languages:** Java, Python (Basics).
- **Relevant Courses:** OOPS, DBMS, SQL, Machine Learning, Data Structures and Algorithms.
- **Soft Skills:** Team Player, Multi-tasker, Public Speaking, Quick Learner.
- **Additional Skills:** Selenium with Java, Functional Testing, Automation Testing.

## PROJECTS

### Smart Attendance System with Face Recognition 🔒

- The purpose of this project is to develop a Face Attendance System ideal for schools and colleges.
- Real-time Attendances: Better than Traditional Attendance System.
- **Exposure:** Python, Open CV, Deep Learning

### Malware Detection Using Transformers 🔒

- Developed a malware detection solution with transformer models, achieving 99.2% accuracy and enhanced efficiency.
- Improved data preprocessing and model training for better malware identification and classification
- Exposure: Machine Learning, Deep Learning

### Image Caption Generator 🔒

- An Image Caption Generator is a machine Learning model designed to produce descriptive captions for images.
- Processes images for accurate caption generation.
- **Exposure:** Python, Hugging Face Transformers

## CERTIFICATIONS

**GREAT LEARNING:** Java Programming

**HACKER RANK:** SQL

**NPTEL:** Data Base Management System

**LINKEDIN:** AI & ML Foundation

**SWAYAM(NPTEL):** Programming in Python

**INTERNSHALA:** Machine Learning

**COURSERA:** Python for AI & DS

**EDX:** Machine Learning with Python

## Achievements

- Top Performer of Machine Learning Program by Internshala.
- **2-Star Coder** on CodeChef (Rating: 1400–1599)
- Recognized as a Chegg Expert by Chegg India - Provided accurate solutions and academic support to students.