

# **Guda karthik reddy**

Thirumala Enclave, Sanga Reddy | 8977975749 | gudakarthikreddy2005@gmail.com |  
[LinkedIn](#) | [GitHub](#)

## **Professional Summary**

---

Computer Science undergraduate with a strong interest in Artificial Intelligence, Machine Learning, and Generative AI. Experienced in building practical AI-based projects including spam detection systems and personalized recommendation engines using core machine learning algorithms. Passionate about understanding how intelligent systems work and applying data-driven approaches to solve real-world problems. Currently strengthening foundations in deep learning, data structures, and AI model development, with the goal of contributing to impactful AI-driven solutions.

## **Education**

---

### **Bachelor of Technology in Computer Science and Engineering**

Gitam University, Hyderabad, Telangana.

2023-2027

### **Higher secondary education**

Urbane junior college, Madhapur, Hyderabad

2021-2023 | Percentage: 96%

### **Secondary education (Class X)**

St. peter's high school, Sanga Reddy, Telangana

2020-2021|percentage: 100%

Relevant Coursework: Algorithms, Data Structures , Basic of AI, Database Systems

## **Technical Skills**

---

- Programming Languages: Python, Java, C
- AI, Machine Learning and Gen AI
- AI tools like: n8n, langchain.
- Web Development: HTML, CSS, JavaScript
- Database Management: SQL
- Version Control: Git, GitHub
- Problem-solving and Analytical Skills
- Strong Communication and Collaboration Skills

## **Extracurricular activities**

---

Esport competitor- participated in a tournament at Gitam university

Outdoor games- Badminton, cricket.

## projects

---

### AI-Powered Email Summarizer & Smart Notification System

- Developed an AI-driven automation system that monitors Gmail inboxes and generates structured, concise summaries using a Large Language Model. Implemented prompt engineering and JavaScript-based post-processing to extract key points, deadlines, and urgency, delivering real-time priority notifications via API integration.

**Tech Stack:** Google Gemini (LLM), n8n, JavaScript, Gmail API, HTTP APIs, Prompt Engineering

You can follow the link : [Email Summarizer](#)

### AI-Based Daily Morning Briefing Automation

- Built an automated morning briefing system that aggregates real-time weather data and latest tech news, summarizes the content using a Large Language Model, and delivers a professionally formatted HTML email daily at a scheduled time. Designed an end-to-end workflow integrating multiple APIs with AI-powered content generation.

**Tech Stack:** n8n, Google Gemini (LLM), JavaScript, Open-Meteo API, NewsAPI, Gmail API, OpenRouter

You can follow the link: [AI Morning Briefing](#)

### Spam email detection using AI

- Developed a machine learning model using the Naïve Bayes classification algorithm to detect spam emails with high accuracy. Implemented text preprocessing techniques including tokenization and feature extraction. Evaluated model performance using accuracy metrics and optimized classification efficiency.

**Tech Stack:** Python, Scikit-learn, Pandas

You can follow the link : [Spam email detection](#)

### Personalized recommendation system using AI

- Built a recommendation engine that suggests movies/products based on user preferences and behavioral patterns. Implemented similarity-based filtering techniques to improve personalization and user engagement. Designed the system to simulate real-world recommendation workflows used in e-commerce and streaming platforms.

**Tech Stack:** Python, Machine Learning Algorithms

You can follow the link: [Movie Recommendation System](#)

## Certifications

---

- Deep learning certified in neural networks
- Campalin Certified: Artificial Intelligence and Machine Learning
- Uptoskills Certified: Artificial Intelligence Intern
- GDG Hyderabad: Agentathon participant (2025)