

# Gopireddy Nithish Kumar Reddy

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## PROFESSIONAL SUMMARY

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B.Tech (AI & ML) undergraduate student with strong foundations in programming, problem-solving, and data-driven applications. Skilled in Python, Java, and web technologies with hands-on project experience. Passionate about leveraging AI and software development to build innovative real-world solutions.

## EDUCATION

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### Malla Reddy University

Year of Passing: 2026

CGPA: 9.18

### Abhyas Junior College (Intermediate)

Year of Passing: 2022

Percentage: 83%

### St. Joseph's School (10<sup>th</sup>)

Year of Passing: 2020

GPA: 8.3

## SKILLS

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- **Programming:** C, C++, Python, Java
- **Web Technologies:** HTML, CSS, JavaScript, Flask
- **Databases:** MySQL, MongoDB
- **Core Concepts:** OOP, Data Structures & Algorithms, Problem-Solving, Debugging
- **Soft Skills:** Effective communication, Documentation, Team Collaboration

## PROJECTS

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- **Symptom Solver – Disease Diagnosis using NLP:** Developed an AI-based health diagnosis tool by applying NLP that analyzes user symptoms and suggests possible diseases, treatments, and preventive measures. Achieved 85% accuracy on test data, enhancing early healthcare support.
- **AI Art Studio – Text-to-Image Generator:** Built a user-friendly full-stack web application using Flask and Tailwind CSS that generates images from text prompts. Combined the Stable Diffusion model to produce high-quality, style-customized images.
- **Plant Disease Detection – Smart Agriculture using CNN:** Implemented a deep learning model (CNN) to detect plant diseases from leaf images with 90% accuracy. Integrated a web interface that delivers instant eco-friendly fertilizer recommendations and sustainable treatment solutions for farmers.

## CERTIFICATIONS

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- **Python Basics** - University of Michigan (Coursera)
- **AWS Academy Cloud Foundations** - AWS Academy Graduate
- **Hacker Rank** – Python Basics, MySQL
- **Programming in Java** - NPTEL (National Programming on Technology Enhanced Learning)
- **Geeks For Geeks** – Mastering Generative AI

## ACHIEVEMENTS

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- Engaged in and organized cultural events in the college fest.
- Competed in NLP, Full Stack, and Java workshops, as well as technical events.
- Participated in 24-hour national-level Hackathon focusing on AI-based solutions.