Yamini Maredi

Guntur, Andhra Pradesh, India — marediyamini0705@gmail.com — +91-9966752029

LinkedIn — **GitHub**

Objective

Motivated Computer Science Engineering student with strong interest in software development, full-stack development, and Java development, along with foundational knowledge of Artificial Intelligence. Seeking opportunities to apply technical skills and contribute to impactful software projects.

Education

B.Tech in Computer Science and Engineering   *Expected: 2026*
Vignan's Nirula Institute of Technology and Science for Women, Andhra Pradesh
CGPA: 8.4/10

Intermediate (MPC)   *2022*
Sri Chaitanya Junior College, Andhra Pradesh — 98%

Skills

- **Programming:** Python, Java, C++
- **Web Technologies:** HTML, CSS, JavaScript, Django
- **Tools:** Git, VS Code, Jupyter
- **Concepts:** OOP, DBMS
- **Soft Skills:** Communication, Teamwork, Leadership

Internships

Artificial Intelligence Intern — Infosys Springboard Pragathi Cohort 3   *Mar 2025*
- Completed hands-on modules in NLP, Computer Vision, and Deep Learning.
- Built small AI prototype applications.

IoT Intern — Purple Technologies   *Jul 2024*
- Developed an IR-based Automatic Railway Gate Control System using Arduino.
- Improved railway safety automation.

Projects

Text-to-Image Generation using Stable Diffusion
- Built a model that converts text prompts into high-quality images.

Automatic Railway Gate Control System
- Implemented IoT automation using IR sensors for safer railway crossings.

MediMind — Healthcare Assistant
- Designed a virtual medical assistant interface for basic health support.

Library Management System
- Created a DBMS-based system for managing and tracking books.

Weather Detection Web App
- Built a real-time weather dashboard using HTML, CSS, JS, and APIs.

Diabetes Prediction Using Django
- Integrated ML model into Django to predict diabetes likelihood.

Publications

Enhancing Tourism Research with NLP — UGC Approved Journal
Published a research paper focusing on NLP-based analysis in tourism research, highlighting trends and insights using machine learning techniques.

Certifications

- Microsoft — Career Essentials in Software Engineering
- Wipro — Java Full Stack Certification
- Google Cloud — Introduction to LLMs, Responsible AI
- Infosys Springboard — AI Primer, NLP, Deep Learning, Agile, CV
- TCS iON — Career Edge – Young Professional

Achievements

- CodeChef Golden Badge — solved 500+ problems
- 4 Python rating on HackerRank
- State 2nd Rank — GK Science Olympiad (2018)
- Best Student of the Year — LIC Institutions (2015)