ADITHI GARIPELLY

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Aspiring tech innovator with a strong interest in entrepreneurship, electronics, and digital impact.
Motivated to solve real-world problems through creativity and continuos learning.

EDUCATION

G. Narayanamma Institute of Technology and Science, Hyderabad	**2023-2027**
Bachelor of Technology in Electronics and Telematics Engineering	*CGPA:9.2*
Alphores Girls Junior College, Nirmal	**2021-2023**
Board of Intermediate Education	*Percentage: 97.3*
Medha High School - Higher Secondary	**2020**
State Board of Secondary Education	*CGPA :10*

PERSONAL PROJECTS

- Beyond Sunlight - NASA SPACE APPS CHALLENGE
  - Beyond Sunlight is an immersive project envisioning a world without sunlight—an entirely oceanic environment powered by chemosynthesis. This virtual world showcases unique deep-sea ecosystems with creatures such as anglerfish, illustrating how life can thrive in complete darkness by relying on chemical energy instead of sunlight. The project combines 3D modeling, real-time rendering, and scientific visualization to bring this alien ocean world to life.
  - Technologies Used: Unity, Unreal Engine, Python, Blender, Figma
- Smart Waste Segregation using IoT
  - Smart Waste Segregation Using IoT is an intelligent system designed to automatically classify and separate waste into dry, wet, and metal categories using IoT-enabled sensors. The project uses Arduino along with IR, raindrop, and proximity sensors to detect and sort waste in real time, improving efficiency and reducing human intervention. This solution aims to streamline waste management and promote sustainable disposal practices.
  - Technologies Used: Arduino, IR sensor, raindrop sensor, proximity sensor, IoT
- PEER to PPER Lending Platform
  - Crowdfunding Platform built on Ethereum to enable transparent and secure fundraising. Using blockchain and smart contracts, it automates and safeguards transactions while providing a smooth user experience.
  - Technologies Used: React, Blockchain, Ethereum, Smart Contracts, HTML, CSS, JavaScript

TECHNICAL SKILLS AND INTRESTS

Languages: C, C++, Python
Tools & Technologies: Figma, Web Development, Blender, Unity
Soft Skills: Creative Tech, Problem Solving, Teamwork
Areas of Interest: Electronics, Sustainable Tech, Entrepreneurship

ACHIEVEMENTS

- **Winner | NASA SPACE APPS CHALLENGE, Chandigarh**

  Won 24-hour Hackathon held at GNITS and a 36-hour Hackathon held at Chandigarh University,Chandigarh

EXPERIENCE

- **Treasurer | ISTE**

  Coordinated technical events and student engagement activities
- **Active Member | Rotaract Club**
- **Participant | UNSTOP**

  Participated in EY Hackathon, Innerve 9, VNRVJIET Hackathon Convergence

CERTIFICATIONS

- Python Programming   -Infosys Springboard
- Google AI Essentials   -Coursera