

Gudupu Hema Durga Kiran

9392449349 | kirangudupu359@gmail.com |

<https://www.linkedin.com/in/gudupu-hema-durga-kiran-873409225> |

SUMMARY

As an enthusiastic Computer Science graduate, there's a strong eagerness to contribute skills and passion to a dynamic team. The academic background includes coursework in data structures, algorithms, and software development, complemented by hands-on experience through personal projects. Thriving in collaborative environments, there is a commitment to continuous learning. The goal is to leverage technical abilities to create innovative solutions and drive positive impact.

SKILLS/INTERESTS

- **Programming Languages:** Python, Java, C
- **Area of Interest:** AIML and CyberSecurity
- **Professional Skills:** Problem-solving, Analytical Thinking, Leadership, Decision-Making, Communication Skills
- **Languages Known:** English, Telugu

EDUCATION

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| • VelTech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
BTECH/Computer Science and Engineering with AIML Specialization : 8.01 (CGPA) | Chennai, Tamil Nadu
2021 - 2025 |
| • Sasi New Gen Junior College
12th Grade : 97.4 (Percentage), Grand Total : 974 | Velivennu, Andhra Pradesh
2019 - 2021 |
| • Vidya Vikas English Medium High School
SSC : 10.0 (GPA) | Jangareddygudem, Andhra Pradesh
2018 - 2019 |

PROJECTS

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|--|---------------------------|
| 1. INTELLIGENT SEED SORTING SYSTEM | July 2023 - November 2023 |
| <ul style="list-style-type: none">• Techniques: Machine Learning Algorithms, Seed extraction technique, Edge detection, Seed pattern detection• Application: Smart Seed Sorting• The main objective of smart seed sorting is to modify and optimize seed sorting in agriculture by integrating advanced technologies. The system is designed to overcome various challenges associated with traditional sorting techniques, solutions, and will provide a range of benefits to farmers, seed production and agriculture as a whole.• Role: Coordinated project tasks among team members according to their skill sets, promoting accountability and timely completion through structured check-ins and guidance. | |
| 2. VINE LEAF DISEASE RECOGNITION | January 2024 - May 2024 |
| <ul style="list-style-type: none">• Techniques: Machine Learning Algorithms, Support Vector Machine, Gaussian Mixture Model• Application: Disease recognition in Leaves• Developed a comprehensive database cataloging 30+ grape leaf diseases, which now serves as a primary resource for agriculturalists; the database has been accessed by over 50 researchers and practitioners in the field.• Role: As a Team leader, I am pleased to work with my teammates on skill sets. I ensured that the work was completed with a regular follow up. | |

CERTIFICATIONS

- AIML Virtual Internship Completion Certificate by aws academy provided by National Educational Alliance for Technology
- Introduction to Networks Course Completion Certificate by Cisco Networking Academy
- Mendix Rapid Developer Certificate
- Software Testing Tutorial course completion certificate by Great Learning Academy