

Dhulipudi Venkata Karthik

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Education

- **Vignan's Foundation For Science, Technology and Research University, Guntur**
Bachelor of Technology in Computer Science Jul 2021 – 2025
- **Narayana Junior College**
Board of Intermediate Education Jun 2019 – May 2021
- **Dr. KKR Gowtham English Medium School**
High School Jul 2007 – May 2019

Projects

- **Lung Disease Prediction | Deep Learning** Apr 2024
 - Developed a deep learning model for early lung disease detection from chest X-rays.
 - Enhanced respiratory disease diagnosis accuracy up to 96% using advanced imaging techniques.
 - Improved emergency treatment capabilities through AI-driven medical image analysis.
- **Smart Drone Safe Package Delivery | Deep Learning** Dec 2024
 - Designed an AI-powered system for autonomous drone navigation and obstacle avoidance.
 - Integrated computer vision for route optimization and safety in package delivery.
 - Contributed to sustainable logistics by promoting eco-friendly, rapid deliveries.

Achievements

- **Coding Profile | B.Tech**
 - 3-star in C language - Hackerrank.
 - Solved 300+ coding problems across platforms (LeetCode, HackerRank, CodeChef).
- **PET Exam | Cambridge University**
 - Achieved B1 Level Merit Certificate in PET (Preliminary English Test).
- **Cultural Activities | Schooling**
 - Won multiple team sports championships (Cricket, Kabaddi, Relay running) and was a School Zonal Athletic Champion.
 - Participated in ISRO Olympiad, Quiz, and Spell-Bee competitions.

Key Skills

- **Programming Languages:** C,Java, Python
- **Web Development:** HTML,CSS,JavaScript,ReactJS
- **DataBases:** SQL(Oracle,MySQL)
- **Developer Tools:** Eclipse,VS Code, Jupyter,Git,GitHub ,StarUML, SQL,Kaggle
- **Other Tools:** Microsoft Office (Word, PowerPoint, Excel), Photoshop,Instagram
- **Soft Skills:** Leadership,Problem Solving, Teamwork, Public Speaking

Positions of Responsibility

- **Event Management | University (NSS)** Sep 2021 – 2025
 - Introduced a digital registration system for events, reducing participant check-in time by 40%.
 - Trained and mentored 20+ new volunteers, improving event planning efficiency,hospitality and teamwork
 - Coordinated large-scale university fests and led volunteer teams to organize cultural and technical activities, ensuring smooth execution.