Kethari Madhu Sudhan Reddy

Fresher

Motivated and detail-oriented Python Developer with a strong foundation in Python programming, Object-Oriented concepts, and DSA. I am adept at working in collaborative environments, using version control systems like Git, and exploring Technologies, Continuous Learner. Strong problem-solving ability with excellent communication and teamwork skills. Passionate about leveraging technical knowledge to build scalable and efficient solutions.

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EDUCATION

B. Tech in Computer Science - AIML
Anantha Lakshmi Institute of Technology & Sciences
07/2021 - 04/2025,   **CGPA: 8.0`**

Board of Intermediate Education, AP
Narayana Junior College for Boys
06/2018 - 04/2020,   **CGPA: 9.12**

Board of Secondary Education, AP
Good Children E.M High School
Class 10th - 2018   **CGPA: 9.5**

PROJECTS

1. **Virtual Computer Assistance Using Python (JARVIS)**
   - Machine Learning

   Developed an Application for Computer to automate the computer operations through voice command and also functions as a chatbot, acting as a replica of ChatGPT

2. **Personal Event Management System Using Mern Stack**
   - Full Stack Development

   Built a website for college event organization with User friendly interface design, integrated college data base, Personal Dashboard, featured a Reminder to notify users about the event

3. **Real Time Age & Gender Detector**
   - Machine Learning

   Developed a Model for classifying persons by means of age and gender, integrated with Flask.

4. **Automated Image-Based Crack Detection using Mobile-Net Architecture**
   - Deep Learning

   Developed a model using MobileNet and transfer learning, enhances image-based crack detection for infrastructure safety. This research advances deep learning in civil engineering, offering a practical solution for automated crack detection.

SKILLS

Python, SQL, AIML, OOPS, Concepts Of DBMS, Pytorch, Git, GitHub - Copilot, Gen-AI, Prompt Engineering, Good communication, Logical Thinking, Problem-Solving Skills, Multi-Tasking, Time - Management, Leadership – Qualities.

HOBBIES

Graphic Designing, Video Editing, Reading Books, Playing Chess & Carroms.

ACTIVITIES

- **Member of "Cultural Committee":**
  Participated in College Cultural activities like Dance, Skit etc., and organized them.

- **Student Head of "Coding Club":**
  Held various coding quiz competitions & organized them under Coding Club

- **Member of "Graphic Designing Club":**
  Worked with a dedicated & passionate team of students for designing posters and flyers for college

ACHIEVEMENTS & AWARDS

- Won 1st Prize in College Mini Project EXPO for Project "JARVIS"
- Won 1st Prize in College Paper Presentation Competition on World Emerging Computer technologies
- Won the Best Paper Award in 2024 & 2025 from Narasimha Reddy College (HYD), Velammal Institute of Technology (CHE)

CERTIFICATIONS

- Data Analysis Using Python - by IBM
- Artificial Intelligence & Machine Learning - by Google
- Full Stack Development – by Blackbucks Engineers
- Introduction to IoT - by Simpli Learn
- ChatGPT, Prompt Engineering & Generative AI - Blackbucks Engineers
- Robotic Process Automation with UI PATH - by ICT Academy Infosys