S Surya Teja

Kandlakoya, Medchal, Hyderabad 501401 | 8688291749 | ssurya.suraj04@gmail.com | www.linkedin.com/in/surya-teja-988a4a240

Profile

Enthusiastic and detail-oriented Computer Science Engineering student with a solid foundation in programming, data structures, and software development. Quick learner with hands-on experience in C++, Python, and web technologies through academic projects and self-driven learning. Passionate about building efficient solutions, exploring emerging tech, and contributing to real-world software development. A collaborative team player with strong problem-solving skills and a commitment to continuous growth.

Education

CMR INSTITUTE OF TECHNOLOGY | SEPT 2027 | KANDLAKOYA, MEDCHAL 501401
Currently pursuing – Computer Science and Engineering – 8.46 cgpa

PRATHIBHA JUNIOR COLLEGE | JUNE 2023 | MAHBUBNAGAR 509001
MPC – 91.1%

Skills & Abilities

- **Programming Languages:**
- C (* * *) - 3/5
- C++ (* * * *) - 4/5
- Python (* * *) – 3/5
- Java (* *) - 2/5
- MySQL (* * *) – 3/5
- **Web Development:** HTML, CSS, JavaScript, Bootstrap
- **Data Structures & Algorithms:** Arrays, Stacks, Queues
- **Version Control:** Git, GitHub
- **Tools & Technologies:** Visual Studio Code, PyCharm, Interllij.

Activities and Interests

- **Volunteer, Badminton —** 40 + hours referee for SGF(school game federation)
- **Badminton** — college men’s team; district-level semi-finalist (2022)
- **Chess** enthusiast — School Campus champian (2015)
- **Karate** — International Karate Champian (2017, 2018)

Projects

🖼️ Image Forgery Detection using MSE & MS-SSIM in Python

Mar 2025 – Apr 2025
• Developed an image forgery detection system using similarity-based analysis techniques in Python.
• Applied **Mean Squared Error (MSE)** and **Multi-Scale SSIM (MS-SSIM)** algorithms to compare suspicious image regions.
• Used OpenCV for image preprocessing tasks such as resizing, grayscale conversion, and region extraction.
• Highlighted tampered or forged areas by calculating similarity scores between image blocks.
• Evaluated detection accuracy using forged image datasets and visualized results with matplotlib.

🔧 Tools & Technologies:

Python, OpenCV, NumPy, scikit-image, Matplotlib

Languages Known

English, Telugu, Hindi

Description

I hereby declare that the information provided above is true to the best of my knowledge and belief.