CHINTHAPARTHI CHETHAN

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EDUCATION

Sreenivsa Institute of Technology and Management Studies Chittoor,A.P,India
B.Tech - Computer Science And Engineering (**CGPA:9.12**) **2021-2025**

SKILLS SUMMARY

- **Languages** **:** Python, SQL ,C,Java
- **Web Technologies** **:** HTML,CSS,JavaScript
- **Frameworks and libraries** : Django**,**Reactjs Numpy,Pandas
- **Tools** **:** Git,Github, MySQL,Linux,VsCode
- **Soft Skills** **:** Good communication,Time Management,Problem Solving

EXPERIENCE

PYTHON INTERN (Cod Tech It solutions) **July 24 – September 24**

- Played a role in writing Python code to support software development tasks.
- Used libraries like Pandas and NumPy for data processing and analysis.
- Worked with Git and GitHub to track changes and collaborate on projects.

PROJECTS

Indian old coin store ecommerce website

- Developed a e-commerce website for buying historical Indian coins, featuring browsing, search/filter, shopping cart, and checkout functionality.
- Implemented a responsive, mobile-friendly UI using React.js and Tailwind CSS for seamless user experience across devices.
- Integrated EmailJS to automatically send order confirmation emails, ensuring smooth customer communication. And deployed the project on Vercel.
- Technologies used:React js,Tailwind CSS,EmailJS.

Automated vehicle damage detection and cost estimator for insurance companies

- Developed a vehicle damage detection system using Python and machine learning to automate insurance claim assessments for two-wheelers, four-wheelers, and six-wheelers**.**
- Implemented CNN and YOLOv8 models to accurately identify and classify damaged vehicle parts.
- Built a user-friendly web app with Flask to upload images and display damage type and severity.
- Achieved 85%+ accuracy on a test dataset of 1,500 images, demonstrating reliable performance.
- Technologies used:Python,yolov8,Flask,OpenCV,CNN.

Color Detection Using Python

- Developed a real-time color detection system using Python and OpenCV to identify colors from images or live webcam feed.
- Captured and analyzed RGB values to accurately match and display corresponding color names from a dataset with 98% accuracy**.**
- Enabled interactive visualization by showing color names and values on images at mouse click points.
- Technologies used: Python, OpenCV, NumPy, Pandas.

CERTIFICATIONS

- **Programming in java(NPTEL)** **October 2024**
- **Linux Tools for Software Development (The Linux Foundation)** **July 2024**

LANGUAGES

- **English,Telugu,Hindi,Kannada**