

ANNAM SAI VARUN

PYTHON DEVELOPER

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SUMMARY

Motivated and detail-oriented Python Developer with a strong foundation in Python programming, data analysis, and software development. Proficient in developing clean, scalable code and building automation scripts, data-driven applications. Skilled in using libraries such as NumPy, Pandas, Matplotlib, with hands-on experience in debugging and testing. Passionate about continuous learning, problem-solving, and contributing to team success in dynamic and fast-paced environments. Eager to begin a professional journey as a Python Developer and apply programming skills to solve real-world challenges.

TECHNICAL SKILLS

Python Programming	Matplotlib	MySQL
Numpy	Html	OOP
Pandas	CSS	Tkinter

EXPERIENCE

WebDesign Intern - Vineesha Innovation IT Foundation May 2025 - Jun 2025

- Worked on real-time web design projects using HTML, CSS, and JavaScript.
- Designed responsive user interfaces and improved site layout for better user experience.
- Collaborated with the team to implement front-end functionality and optimize page performance.

ACADEMIC PROJECTS

System Health Alert Notifier Apr 2025 - Jun 2025

- Built a real-time system monitor using Python, psutil, tkinter, and threading.
- Triggered GUI alerts when CPU, RAM, or Disk usage exceeded set thresholds.
- Ensured platform independence with support for Windows, Linux, and macOS.
- Gained hands-on experience in multithreading and GUI development.

Citrus Leaf Disease Detection using SVM Jul 2024 - Nov 2024

- Built an image processing system in MATLAB to classify citrus leaf diseases using K-Means and SVM.
- Applied preprocessing, segmentation, and GLCM feature extraction for high accuracy.
- Enabled early disease detection and severity assessment for precision agriculture.

DA-LUT Based FIR Filter for Wireless Communication Dec 2024 - Apr 2025

- Designed a high-speed, low-power FIR filter using Distributive Arithmetic and LUTs for MIMO-OFDM systems.
- Reduced latency and complexity through VLSI techniques and parallel processing.
- Demonstrated improved performance over conventional FIR filters in real-time DSP.

EDUCATION

Bachelor of technology in ECE Dec 2021 - May 2025

St Martins Engineering College

Intermediate in MPC

Mar 2019 - Mar 2021

Sri Chaitanya Junior Kalasala

ADDITIONAL INFORMATION

- **SoftSkills:** Teamwork,Time management, Communication, Leadership
- **Languages:** English, Telugu, Hindi
- **Certifications:** SQL Bootcamp by LetsUpgrade (Jul 2025, 3 Days) – Certificate No: LUESQLJUN125152
- **Hobbies:** Making Crafts, Photography, Video Editing