YOGASATHYA S

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EDUCATION CREDENTIALS

Sri Krishna Arts and Science College — Coimbatore ,India
Master of Computer Science (**M.Sc CS**). — **2024-2026**
LRG Govt Arts College For Women — Coimbatore ,India
Bachelor of Computer Science (**B.Sc CS**) — **2021-2024**

EXPERTISE SKILLS

- **Programming Languages :** Python, Java(Basic)
- **Data Science :** Pandas, NumPy.
- **Databases :** MySQL, SQLite, MongoDB.
- **Web Development :** HTML, CSS.
- **Tools & Platforms :** Jupyter Notebook, PyCharm, Visual Studio Code.
- **Soft Skills :** Strong problem-solving abilities , Effective communication, Teamwork , and Critical thinking.

PROJECTS

KEYLOGGER USING PYTHON — **Duration - 6months**

- This project captures key strocks , screen shots and audio file from a system during runtime
- This project is used in the field of cybersecurity and also used for surveillance purposes.
- **Tools Used**
  Python, Jupyter Notebook, PyAutoGUI, Pynput, Pyaudio / sounddevice

TIME SERIES MINING APPROACH FOR AGRICULTURE AREA DETECTION — **Duration - 3months**

- A time series mining approach analyzes satellite or remote sensing data over time to detect, classify, and monitor agricultural land use changes.
- **Tools used**
  Python, Pandas & NumPy, scikit-learn, Matplotlib / Seaborn.

CERTIFICATIONS

Coursera | Online Course

- Microsoft Python Development Professional — **January-2025**
- Oracle SQL Databases Specialization — **April-2025**
- AWS cloud technical essentials**.** — **May-2025**

ACHIVEMENTS

- **First Prize Winner** in overall core subjects during undergraduate studies (B.Sc Computer Science).
- Served as the **Secretary** of the Computer Science Department for the academic year 2022-2023.
- Participated in a **Hackathon,** demonstrating problem-solving, teamwork, and technical skills.

HOBBIES

- Learning new technologies through online courses
- Watching tech-related YouTube channels and tutorials