

SATHYA PRIYA R

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 <https://sathyapriyaradhakr.wixsite.com/sathya-portfolio>

PROFESSIONAL SUMMARY

Detail-oriented MCA student skilled in data analysis, statistical modeling, database management, and application development. Adept at leveraging emerging technologies such as generative AI, prompt engineering, and large language models to enhance business processes and user experiences. Passionate about continuous learning, innovation, and developing impactful technology solutions.

INTERNSHIP EXPERIENCE

Aparajitha Corporate Services Pvt Ltd, Madurai

11/2022 – 12/2022

Gained hands-on exposure to data validation, workflow automation, and debugging in an enterprise environment. Implemented logic to detect missing or invalid fields and automatically replace them with predefined dummy values to ensure uninterrupted processing. Worked on an internal automation bot that processed Excel-based inputs to generate ESIC numbers.

PROJECTS

Smart Timetable Generator

08/2025 – 12/2025

Collaborated in a team to develop a Smart Timetable Generator to automate scheduling and optimize time management. Developed conflict detection and workload balancing modules with real-time updates using Python and SQLite to enhance efficiency.

Speech Emotion Recognition using Deep Learning

01/2023 – 05/2023

An individual project that process audio data and predict emotions. Developed a Speech Emotion Recognition system using Python, Librosa, and deep learning to classify audio emotions. Performed feature extraction, data preprocessing, and model training using CNN and LSTM for improved accuracy.

CORE SKILLS

Technical Skills: Python, NumPy, Pandas, Matplotlib, Librosa, Streamlit, Core Java, C, C++, SQL

Soft Skills: Adaptability, Attention to details, Teamwork, Analytical Thinking, Problem Solving, Leadership, Communication

ACADEMIC QUALIFICATIONS

Master of Computer Applications

2024 – 2026

PSNA College of Engineering and Technology, Dindigul.

CGPA: 84%

Bachelor of Computer Applications

2020 – 2023

The American College, Madurai.

GPA: 90%

CERTIFICATIONS

Python Zero to Hero — GUVI

GenAI for Everyone | **GenAI - A Way of Life** | **Getting Started with LLMs** | **Building LLMs using Prompt Engineering** — Analytics Vidhya

Python For Data Science — IBM Skills Network

Python, SQL — Hackerrank

Python OOPs & Fundamentals | **Data Visualization with Matplotlib** | **Scientific Computing with NumPy** — Great Learning Academy

Building 100% Postgres Compatible AI Applications with Google Cloud — **Outstanding Performance** | Developer Groups, Cloud Kochi

LINGUISTIC PROFICIENCY

English — Fluent

Tamil — Native/Bilingual

Hindi — Conversational