

SURYA V

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Professional Summary

Motivated B.Tech student specializing in Artificial Intelligence and Data Science with knowledge of Python, Machine Learning, Scikit-learn, Pandas, NumPy, and MySQL. Passionate about building AI and ML applications and continuously learning modern technologies. Seeking an internship or entry-level opportunity to apply my skills, gain hands-on experience, and contribute to real-world AI/ML solutions.

Education

B.Tech. Artificial Intelligence and Data Science	2023 – 2027
Sri Shakthi Institute of Engineering and Technology, Coimbatore	CGPA: 8.24
Higher Secondary Education (HSC)	2022 – 2023
Government Boys Higher Secondary School, Kumarapalayam	84.6%

Technical Skills

Programming: Python

Databases: MySQL

Libraries: Pandas, NumPy, Matplotlib

Machine Learning: Scikit-learn, Data Preprocessing

Tools: Git, GitHub, Jupyter Notebook, Streamlit

Certifications

Python for Data Science — IBM Cognitive Class

Completed IBM Developer Skills Network certification covering Python programming, NumPy, and data analysis.

Machine Learning with Python — IBM SkillsBuild

Gained practical knowledge of machine learning algorithms, data preprocessing, model development, and evaluation using Python.

Projects

IPL Winner Prediction

- Built a machine learning model to predict IPL match winners using historical IPL datasets.
- Applied data preprocessing and feature engineering techniques for model training.
- Developed an interactive Streamlit dashboard for live prediction and match analytics.

UzhavAI — Agentic AI Farming Assistant

- Built an Agentic AI application using LangChain, LangGraph, and LLM-powered tool calling.
- Developed AI agents for weather updates, mandi prices, crop disease detection, and government scheme recommendations.
- Deployed a multilingual Streamlit application with SQLite authentication and chat history.

RESUX — AI Resume Analyzer

- Developed an AI-powered resume analyzer that compares resumes with job descriptions and calculates ATS match scores.
- Implemented resume parsing, keyword matching, and missing skill detection to improve resume quality.
- Generated AI-powered resume summaries and personalized improvement suggestions using Large Language Models (LLMs).