**Optimized Resume**

\*\*Giripriyan S\*\*

giri2006priyan@gmail.com | +91 9789187415 | Coimbatore, India

\*\*Summary\*\*

Highly motivated and results-oriented third-year AIML student at Sri Shakthi Institute of Engineering and Technology, proficient in Python, machine learning, and data analysis techniques. Proven ability to develop and deploy data-driven solutions using Flask, MongoDB, and other relevant technologies. Seeking a Data Analyst position to leverage analytical skills and contribute to impactful projects.

\*\*Skills\*\*

\* \*\*Programming Languages:\*\* Python (Flask, Django), JavaScript, HTML, CSS

\* \*\*Databases:\*\* MongoDB, MySQL

\* \*\*Machine Learning:\*\* Deep Learning, Natural Language Processing (NLP), Transformers, TensorFlow, Keras, Scikit-learn (implied from projects)

\* \*\*Data Analysis:\*\* Data Mining, Data Cleaning, Statistical Analysis (implied from projects), Data Visualization (implied from projects)

\* \*\*Tools:\*\* Git, Jupyter Notebook (implied from projects), PyQt/Tkinter

\* \*\*Other:\*\* Speech-to-Text, Text-to-Speech, Translation, API Integration (implied from projects)

\*\*Projects\*\*

\* \*\*FactWave – Misinformation Detection System (Mar 2025 – Jul 2025):\*\* Developed a Flask application integrating speech-to-text, NLP, and a fact-checking module to identify and flag misinformation in live audio broadcasts. Achieved [quantifiable result, e.g., X% accuracy in misinformation detection].

\* \*\*Voice Fusion – AI-Powered Multilingual Dubbing System (Apr 2025 – Jun 2025):\*\* Built an AI-based application using Python and deep learning models to translate and dub English movie dialogues into natural-sounding Tamil, maintaining tone and lip-sync. [quantifiable result, e.g., Successfully dubbed X minutes of film content].

\* \*\*AI Approval Process Portal (Aug 2024 – Oct 2024):\*\* Created an AI-powered portal using Python and Flask to automate document approval processes through ML-based content extraction and verification. Improved efficiency by [quantifiable result, e.g., reducing processing time by X%].

\*\*Education\*\*

\* \*\*B.Tech (Artificial Intelligence and Machine Learning),\*\* Sri Shakthi Institute of Engineering and Technology, Coimbatore, India (Expected Graduation: 2027)

\* \*\*Senior Secondary (XII), Science,\*\* GRD CPF Matriculation Higher Secondary School, Tamil Nadu, India (2023) – 83.33%

\*\*Portfolio\*\*

[GitHub Link]

**Change Summary**

- Removed:\*\* Career Objective (replaced with a more effective Summary); redundant skill listing; unnecessary details in project descriptions.

- Added:\*\* A concise Summary highlighting key skills and career aspirations; ATS-friendly keywords (e.g., "Data Analysis," "Data Mining," "NLP," "API Integration"); quantifiable results in project descriptions (placeholders added – candidate needs to fill these in); reorganized sections for better flow and impact; specified "Artificial Intelligence and Machine Learning" in B.Tech description.

- Revised:\*\* Project descriptions rewritten using results-oriented language; skills section reorganized for improved readability and keyword optimization.

- Improved:\*\* Overall resume structure and formatting for better readability and ATS compatibility. Added location (India) for better clarity.