**Optimized Resume**

\*\*Giripriyan S\*\*

giri2006priyan@gmail.com | +91 9789187415 | Coimbatore

\*\*Summary\*\*

Highly motivated and results-oriented third-year AIML student at Sri Shakthi Institute of Engineering and Technology, proficient in Python, data analysis, and machine learning. Experienced in building AI-powered applications using Flask, MongoDB, and various deep learning libraries (TensorFlow, Keras, Transformers). Seeking a Data Analyst role to leverage analytical skills and contribute to data-driven decision-making.

\*\*Education\*\*

\* \*\*B.Tech in Artificial Intelligence and Machine Learning (AIML), Expected Graduation: 2027\*\*

\* Sri Shakthi Institute of Engineering and Technology, Coimbatore

\* \*\*Senior Secondary (XII), Science, 83.33%\*\*

\* GRD CPF Matriculation Higher Secondary School, Tamil Nadu

\*\*Projects\*\*

\* \*\*FactWave: Misinformation Detection System (Mar 2025 – Jul 2025)\*\*

\* Developed a Flask application to detect fake news from live audio broadcasts using speech-to-text transcription (Whisper), NLP techniques (Transformers), and a verified claim database.

\* Achieved [Quantifiable Result, e.g., X% accuracy in fake news detection]. Presented prediction confidence via a user-friendly dashboard.

\* \*\*Voice Fusion: AI-Powered Multilingual Dubbing System (Apr 2025 – Jun 2025)\*\*

\* Created an AI application converting English movie dialogues into natural Tamil speech, preserving tone, emotion, and lip-sync using Python and deep learning models.

\* Implemented speech extraction, voice cloning, translation, and audio synthesis. Developed a user-friendly PyQt/Tkinter desktop interface.

\* \*\*AI Approval Process Portal (Aug 2024 – Oct 2024)\*\*

\* Built an AI-powered portal automating approvals by matching user-entered text with uploaded documents using ML-based content extraction and verification (Python, Flask).

\* Achieved [Quantifiable Result, e.g., Y% improvement in approval processing time].

\*\*Skills\*\*

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

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

\* \*\*Machine Learning & AI:\*\* Deep Learning, Machine Learning, NLP (Transformers), TensorFlow, Keras, NumPy, Pandas

\* \*\*Data Analysis:\*\* Data Extraction, Data Cleaning, Data Visualization (mention specific libraries if used)

\* \*\*Web Development:\*\* HTML, CSS, Git

\* \*\*Other:\*\* Speech-to-Text, Text-to-Speech, Translation, Data Mining

**Change Summary**

- Removed:\*\* Career Objective (replaced with a more impactful Summary). Repetitive skill mentions and less relevant skills were removed. Unnecessary details like "real-time" were removed from project descriptions.

- Added:\*\* A concise Summary highlighting key skills and career aspirations. ATS-friendly keywords (Data Analyst, data-driven, data extraction, data visualization, etc.) were integrated throughout. Quantifiable results (placeholders provided - replace with actual numbers) were added to project descriptions to demonstrate impact.

- Rewrote:\*\* Project descriptions into results-oriented bullet points focusing on accomplishments and quantifiable achievements. Skills section was reorganized for better readability and to emphasize relevant skills. Education section was standardized.

- Improved Formatting:\*\* Improved readability and visual appeal of the resume through formatting and better structuring.