**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 (ML) techniques. Proven ability to develop and deploy AI-powered applications, leveraging NLP, deep learning, and database integration to solve real-world problems. Seeking a Data Analyst position to contribute analytical skills and innovative solutions.

\*\*Experience\*\*

\*\*AI-Powered Projects\*\*

\* \*\*FactWave – Misinformation Detection Tool (Mar 2025 – Jul 2025):\*\* Developed a Flask application integrating speech-to-text (Whisper), NLP (Transformer models), and a verified claim database to detect fake news from live audio broadcasts. Achieved [Quantifiable Result, e.g., 90% accuracy in detecting misinformation]. Improved efficiency by [Quantifiable Result, e.g., 20%] through optimized database queries.

\* \*\*Voice Fusion – AI-Powered Multilingual Dubbing System (Apr 2025 – Jun 2025):\*\* Designed and implemented an AI application using Python and deep learning models to translate and dub English movie dialogues into natural-sounding Tamil, preserving tone and lip-sync. Successfully processed [Quantifiable Result, e.g., 100+ minutes] of audio with high fidelity.

\* \*\*AI Approval Process Portal (Aug 2024 – Oct 2024):\*\* Built an AI-powered portal using Python, Flask, and ML-based content extraction to automate document approval processes. Reduced processing time by [Quantifiable Result, e.g., 50%] through automated validation.

\*\*Education\*\*

\* \*\*B.Tech in Artificial Intelligence and Machine Learning (AIML), 2023 – 2027\*\* Sri Shakthi Institute of Engineering and Technology, Coimbatore

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

\*\*Skills\*\*

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

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

\* \*\*Machine Learning/AI:\*\* Deep Learning, Natural Language Processing (NLP), Machine Learning (ML) algorithms, Transformers, TensorFlow, Keras, NumPy, Pandas

\* \*\*Data Analysis:\*\* Data Cleaning, Data Transformation, Data Visualization

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

\* \*\*Tools:\*\* Whisper API, PyQt/Tkinter

\*\*Portfolio\*\*

[GitHub Link]

**Change Summary**

- Removed:\*\* Career Objective (replaced with a more impactful Summary). Removed redundant information (e.g., repeated mentions of Python). Streamlined project descriptions.

- Added:\*\* A concise Summary highlighting relevant skills and career goals. ATS-friendly keywords (Data Analyst, Data Analysis, Machine Learning, NLP, Deep Learning, Data Cleaning, Data Visualization, etc.). Quantifiable results in project descriptions to demonstrate impact (placeholders are provided, replace with actual achievements). A dedicated "Skills" section categorized for better readability and ATS scanning. Re-wrote project descriptions focusing on accomplishments and quantifiable results. Improved formatting for better readability.

- Revised:\*\* Bullet points in the "Projects" section are rewritten as accomplishment-based statements demonstrating tangible results. The "Education" section is more concise. The resume is streamlined and focused on relevant skills and experience for a Data Analyst role.