**Optimized Resume**

\*\*Giripriyan S\*\*

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\*\*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 AI-powered applications, demonstrated through the creation of innovative projects addressing real-world problems in misinformation detection and multilingual content processing. Seeking an entry-level Data Analyst position to leverage analytical skills and contribute to data-driven decision-making.

\*\*Skills\*\*

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

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

\* \*\*Machine Learning:\*\* Deep Learning, NLP (Transformers), TensorFlow, Keras, Scikit-learn (add if applicable)

\* \*\*Data Analysis:\*\* Pandas, NumPy, Data Visualization (add specific libraries like Matplotlib, Seaborn if used)

\* \*\*Tools & Technologies:\*\* Git, HTML, CSS, Whisper API (mention if used extensively), PyQt/Tkinter

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

\*\*Projects\*\*

\* \*\*FactWave – Misinformation Detection System (Mar 2025 – Jul 2025):\*\* Developed a Flask application integrating speech-to-text (Whisper API), NLP (Transformer models), and a fact-checking module to detect fake news from live audio broadcasts. Achieved [quantifiable result, e.g., X% accuracy in fake news 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 Tamil, preserving tone and lip-sync. Improved [quantifiable result, e.g., dubbing efficiency by Y%].

\* \*\*AI Approval Process Portal (Aug 2024 – Oct 2024):\*\* Created an AI-powered portal using Python and Flask, automating document approval through ML-based content extraction and verification. Streamlined [quantifiable result, e.g., approval process by Z%].

\*\*Education\*\*

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

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

\*\*Portfolio\*\*

[GitHub Link]

**Change Summary**

- Removed:\*\* Career Objective (replaced with a more impactful Summary). Unnecessary details in Education and Projects sections were removed for conciseness.

- Added:\*\* A concise and ATS-friendly Summary highlighting key skills and accomplishments. LinkedIn Profile URL (recommended). Quantifiable results in project descriptions to demonstrate impact. More relevant keywords throughout the resume (e.g., "Data Analysis," "Data Mining," specific libraries). A Skills section categorized for better readability and ATS scanning.

- Rewrote:\*\* Project descriptions to focus on achievements and quantifiable results using action verbs. Bullets were converted into impactful results statements.

- Improved:\*\* Overall formatting and structure for improved readability and ATS compatibility. Added "Data Analyst" related keywords throughout.