

# SRIRAM P

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Linkedin | GitHub

## Objective

Passionate and hands-on AI Engineer with a strong foundation in developing end-to-end machine learning projects. Proficient in Python and modern frameworks like TensorFlow/PyTorch, with experience in building, training, and optimizing models for real-world applications. Eager to bring my technical expertise, problem-solving skills, and enthusiasm to an ambitious AI team, contributing to innovative projects and driving impactful solutions.

## Education

<b>Annamalai University</b> <i>Bachelor of Engineering in Computer Science and Engineering</i> OGPA: 9.41	Chidambaram, Cuddalore Nov 2022 – Apr 2026
<b>A.R.G Academy Matriculation Higher Secondary School</b> <i>Maths, Physics, Chemistry, Computer Science - HSC</i> Percentage: 90%	Chidambaram, Cuddalore Jun 2021 – May 2022

## Experience

<b>Day Dream Solutions   MERN Stack Developer Intern</b>	Jun 2025 – Jul 2025
MERN Stack Developer with hands-on internship experience at Day Dream Solutions. Skilled in building dynamic applications and managing the full software development lifecycle, from concept to deployment. Seeking to apply my problem-solving skills to deliver tangible contributions in a new internship role.	

## Skills

<b>AI &amp; Machine Learning:</b>	<i>Python, TensorFlow, NumPy, Pandas, OpenCV, Scikit-learn</i>
<b>ML Concepts:</b>	<i>Deep Learning, Neural Networks, Computer Vision, Model Training &amp; Evaluation</i>
<b>Tools / Platforms:</b>	<i>Git &amp; GitHub, Docker, Postman API, MongoDB Compass.</i>
<b>Databases:</b>	<i>MongoDB, Oracle Database, MySQL.</i>

## Projects / Open-Source

<b>Multimodal Fake News Detection System</b>	Python, Transformers, OpenCV
Developed an ensemble model to classify news articles as genuine or fake by analyzing both text using fine-tuned BERT and images using custom CNN for feature extraction. Achieved an F1-score of 92% on a public dataset by effectively fusing textual and visual feature vectors. Deployed the final model as a REST API using Flask, allowing for real-time classification.	
<b>Intelligent Chatbot with RAG (Retrieval-Augmented Generation)</b>	Python, LangChain, FAISS
Built a context-aware chatbot that answers questions based on custom knowledge base, overcoming limitations of generic models. Implemented RAG pipeline using FAISS for efficient vector similarity search and LangChain for orchestration. The chatbot provided accurate, source-cited answers, reducing hallucination by over 70% compared to baseline GPT model.	

## Certifications

- **Java Programming Certificate** — HackerRank
- **Data Visualization with Tableau** — Annamalai University

## Honors & Awards

- **Elite NPTEL Certification in Cloud Computing** — Scored 82%, awarded by the Ministry of Education, Government of India, for outstanding performance and distinction.