Attaluri Sriram Satwik

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EDUCATION

Mahatma Gandhi Institute of Technology, Hyderabad　　Nov/2022 – Jun/2026
B. Tech Computer Science & Engineering (Data Science)　　Cumulative GPA – **8.85**

Sri Aakash Junior College, Hyderabad　　Jun/2020 – May/2022
Intermediate Education　　Percentage – **96.9%**

TECHNICAL SKILLS

Programming:	Python, Java, C, R
Machine Learning & AI:	TensorFlow, CatBoost, Scikit-learn
Generative AI Concepts:	Large Language Models (LLMs), Prompt Engineering, Fine-tuning (conceptual), Retrieval-Augmented Generation (RAG – conceptual)
Frameworks & Tools:	Streamlit, FastAPI
Databases:	PostgreSQL
Developer Tools:	Git, VS Code
Foundations:	Data Structures & Algorithms, Model Evaluation, Feature Engineering

EXPERIENCE

Tech Lead at viswam.ai in Collaboration with IIIT-Hyderabad
- Worked on Large Language Model (LLM)–based AI systems, contributing to data preparation, experimentation, and analysis for domain-specific applications under the SoAi project.
- Supported model evaluation, optimization, and fine-tuning experiments to improve task-specific performance.
- Collaborated with academic and industry mentors to understand scalable AI system design and deployment considerations.

ACADEMIC PROJECTS

Resume Analyzer & Job Matching System
- Built a RAG-based system that analyzes resumes and job descriptions to generate skill matching, gap analysis, and role-fit insights using an LLM.
- Implemented FastAPI endpoints for resume ingestion, semantic retrieval of job requirements, and structured AI-generated feedback.

MindWave
- Developed an emotion-based music recommendation system using EEG signals to detect user moods through brain-computer interface (BCI) technology.
- Mapped predefined neural patterns to emotional states and curated personalized playlists to enhance the user's listening experience.

Domain-Specific Research Paper Assistant
- Developed a RAG-powered assistant to query, summarize, and compare research papers with section-aware retrieval and citation-style responses.
- Exposed document ingestion, semantic search, and answer generation through a FastAPI backend supporting multi-paper reasoning.

CERTIFICATIONS

- Certified in **Salesforce Developer Track** from **Trailmix by Smartinternz.**
- **Virtual Internship in AI & Data Analytics Consulting by Deloitte(Forage).**
- **Virtual Internship in GenAI-Powered Data Analytics by TATA (Forage).**

ACHIEVEMENTS

- Secured **1st place** at **AI Hack Days** organised by **Telangana Swecha Organization** for the innovative solution.
- **Reliance Foundation Undergraduate Scholar** (Received an Amount of Rs.200000 for Merit).
- Qualified for **Exclusive Project Ready Talent Program** sponsored by **Salesforce.**