ADITYA RAJ SINHA

Aspiring Machine Learning Engineer

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Summary

I have a strong interest in Data Science & Machine Learning, specifically NLP and RAG based LLM. Always looking for ways to optimize algorithms, with efficient Data Structures. I want to leverage my quick learning skills and passion for technology to contribute effectively to creative projects.

Key Achievements

Quality Improvement	Frontend Development	Data Preprocessing
Reduced error rate by 15% in AI model.	Developed 5 user-friendly web interfaces using React.js.	Preprocessed NASA data with 98% accuracy for use in machine learning.

Experience

Singularium Technologies Pvt. Ltd
DATA ANALYST INTERN 08/2024 - 02/2025

Internship focused on data analysis

- Labeled data for a proprietary AI model designed to detect and extract numbers from scanned invoices

Tantech Technologies Pvt. Ltd
FRONTEND DEVELOPMENT INTERN 07/2024 - 08/2024

Internship focused on frontend development

- Assisted the development team to create responsive and user-friendly web interfaces for a project, using React.js
- Worked closely with the design team to translate UI into functional code

Education

K. R. MANGALAM UNIVERSITY	Gurugram , HR
Bachelor of Computer Application (AI & Data Science)	08/2026
NIOS	Asansol , WB
Senior Secondary	07/2023
ICSE	Asansol , WB
Secondary	05/2018

Skills

JAVA • Python • Data Structures • Git/GitHub • Microsoft Power BI • Pytorch/Tensorflow • Scala • Spark • R

Projects / Certifications

Performance Assessment of NLP Approaches 02/2025 - Ongoing

- Research Project on NLP for Indic Languages

E-Commerce Web-Application for Marketplaces

- Provides an online platform for the various famous marketplaces for the Indian users using MERN stack

Data Analysis Using Python (IBM) • Certificate