

# ROHAN FERNANDO R

## LANGUAGES

- Tamil
- English



[github.com/rohanfedo2003](https://github.com/rohanfedo2003)



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Tiruchendur, Thoothukudi

## PROFESSIONAL SUMMARY

Aspiring Data Scientist with a strong foundation in Natural Language Processing (NLP) and Large Language Models (LLMs), with hands-on experience leveraging OpenAI-based technologies. Proficient in Python, data preprocessing, model development, and API integration. Passionate about designing AI-driven solutions, working with large datasets, and developing tools that enhance automation and decision-making. Seeking an opportunity to apply technical and analytical skills in a collaborative environment focused on innovation and growth.

## EDUCATION

- **M.Sc. Applied Data Science** – SRM University June 2023 – April 2025 | CGPA: 8.13
- **B.Sc. Computer Science** – Loyola College June 2020 – April 2023 | CGPA: 7.89

## PROJECTS

### Intelligent PDF Question Answering System

- Built an AI-powered tool for answering questions from finance-related PDFs.
- Extracts insights and delivers accurate responses from structured and unstructured documents using NLP models.

### AI Agent – Technical Interviewer

- Resume Authenticity Detection: Identifies if resumes are AI-generated or human-written using linguistic analysis.
- Skill-Based Question Generation: Automatically generates interview questions based on the resume and job description.
- Candidate Evaluation & Scoring: Scores responses and provides AI-based hiring recommendations.

### AI Resume Booster

- Developed an intelligent tool to enhance resumes dynamically using AI-based optimization techniques.
- Integrates job description analysis for tailored resume enhancement.

## INTERNSHIP EXPERIENCE

### AI Intern – Proadapt (3 Months, Chennai)

- Developed AI agents using OpenAI, FastAPI, and SQL for intelligent data interaction.
- Applied prompt engineering techniques to optimize agent responses and performance.
- Collaborated in building scalable API services integrating LLM models.

### NLP Intern – Hotfoot Technologies (3 Months, Chennai)

- Worked on NLP and LLM-based tasks using Hugging Face Transformers.
- Conducted data preprocessing and fine-tuning of transformer models for text analysis.
- Implemented model evaluation metrics to improve output accuracy.

### Python Developer Intern – Edify (1 Month, Chennai)

- Strengthened Python fundamentals through hands-on coding projects and automation scripts.
- Gained exposure to real-world applications of Python in data analytics.

## TECHNICAL SKILLS

- Programming Languages: Python, SQL
- NLP & AI Models: NLP, LLMs, Hugging Face Models, OpenAI, Prompt Engineering, API Testing
- Data Visualization: Power BI, Plotly, Tableau (Basic)
- Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, PyTorch, Transformers
- Platforms & Tools: Jupyter, Google Colab, PyCharm, Postman, GitHub
- Soft Skills: Quick Learner, Team Player, Smart & Hard Worker