FRANESH T

Chennai, India

(+91) 9789045440 ◇ franesh2005@gmail.com ◇ linkedin ◇ Github ◇ Leetcode

OBJECTIVE

Curious and driven engineering student with hands-on experience in **AI, Machine Learning, NLP, and Data Analytics**. I enjoy solving real-world problems through code—whether it's building intelligent chatbots, analyzing business data, or designing trading strategies. Looking for an opportunity to apply my technical skills in a challenging environment and grow as an AI/ML engineer.

EDUCATION

B.E Electronics and Communication Engineering   2022 - 2026
St.Joseph's College of Engineering (CGPA: 8.43/10)

SKILLS

Programming Languages	Python,C++, C,Sql
Natural Language Processing	NLTK, langchain,Spacy
Machine Learning	Scikit-Learn
Data Analysis	SQL, Power BI, Excel, Google Analytics 4 (GA4)
Development	Firebase, MySQL, HTML5/CSS3, IoT & Embedded Systems
Version Control	Git, GitHub
Computer Science Fundamentals	Data Structures & Algorithms (DSA), OOPS, Computer Networks, DBMS
Coding Profiles	LeetCode (250+ Problems), GFG (50+ Problems), Coding Ninjas (100+ Prob

CERTIFICATIONS

SQL for Data Science	IBM (Coursera, With Honors)
Supervised Machine Learning: Regression and Classification	Andrew Ng (Coursera)
Machine Learning And Deep Learning – Fundamentals And Applications	NPTEL
Cloud Computing	NPTEL
Excel for Data Analytics	IBM (Coursera)
Google Analytics 4 Certification	Google
Python	Simplilearn
Cisco Networking Basics	Cisco
Git & GitHub	PrepInsta Prime

EXPERIENCE

Implant Trainee, IPRC (ISRO Propulsion Complex)   Jun 2024 - Jul 2024 *Kanyakumari, TN*

- Hands-on experience in applying **theoretical electronics** to space science.

- Explored **high-pressure testing** and **instrumentation standards** in propulsion systems.

- Observed and analyzed **rocket propulsion component testing procedures**.

Test Engineer, Qmax Test Equipments Pvt Ltd   Mar 2024 - Apr 2024 *Chennai, TN*

- Collaborated with **IIT Madras** to test and validate educational electronics kits.

- Conducted **automated/manual testing** for product efficiency.

- Performed **Arduino-based testing, soldering, and quality checks** to enhance usability.

PROJECTS

Equal Weights Algorithmic Trading Strategy Technologies: Python, pandas, NumPy, yfinance, scipy, math

- Developed an algorithmic trading strategy that allocates equal weights across a stock portfolio.

- Used yfinance for real-time stock data, and pandas and NumPy for data manipulation and calculations.

- Automated portfolio rebalancing to maintain equal distribution of investments.

(View Project)

Law Bot – AI-Powered Legal Chatbot Technologies: NLP, Python, Scikit learn , flask, langchain

- Developed an **AI-powered chatbot** for answering **legal queries** with **up-to-date legal advice**.

- Enables **easy access to legal information**, reducing dependency on costly consultations.

- Implements **natural language processing (NLP)** for intelligent query understanding and response generation.

(View Project) Here's an additional project that you can add to your portfolio section, following the same format as your previous entries:

Portfolio Manager – AI-Powered Investment Assistant Technologies: Python, Streamlit, yfinance, matplotlib, NumPy, pandas, scikit-learn

- Developed an **interactive portfolio management tool** that assists users in tracking and optimizing their investments.

- Integrated **yfinance API** for real-time stock data retrieval and portfolio performance analysis.

- Implemented **risk assessment models** using scikit-learn to analyze and forecast portfolio risk.

- Enabled **dynamic data visualization** with matplotlib and Streamlit for a **user-friendly experience**.

- Automated **asset allocation suggestions** based on historical performance and user preferences.

Adidas Sales Data Analysis – Power BI Technologies: Power BI, DAX, Power Query, Excel/CSV

- Developed an **interactive sales dashboard** to analyze Adidas' global sales performance.

- Processed and transformed raw data using **Power Query** for better insights.

- Implemented **DAX measures** for calculating total revenue, profit margins, and YOY growth.

- Designed **dynamic visualizations** with **filters, slicers, and drill-throughs** for user-friendly data exploration.

- Identified **top-performing products and regions**, enabling data-driven sales strategies.

(View Project)

LEADERSHIP

President, OPTICA Student Chapter (Present)

- Led **a team of 50+ students** to organize **5+ guest lectures, 3+ outreach programs, and multiple technical events**.

- Coordinated with **industry experts and faculty** to deliver insightful sessions, benefiting **250+ students**.

- Managed event planning, sponsorships, and student engagement, increasing chapter participation by **.**

Event Manager, OPTICA Student Chapter (1 Year)

- Organized **10+ technical and outreach events**, handling logistics and a budget of **40000**.

- Managed **event promotions**, increasing event turnout by **30%**.

- Conducted **2 hands-on workshops**, improving student technical skills and engagement.