

# JEROME

## ASPIRING DATA SCIENCE AND AI ENGINEER

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Hackerrank : @jeromeat2002 Leetcode: @TdG0eFbrCR Location : Trichy, Tamilnadu

Aspiring AI Developer specializing in Data Science and Machine Learning, with hands-on experience in Python, FastAPI, HTML, CSS, and JavaScript. Proficient in TensorFlow, Pandas, NumPy, and scikit-learn to develop and deploy advanced ML models. Skilled in data engineering, API integration, and optimizing CI/CD pipelines for scalable automation. Experienced with Git/GitHub and dedicated to creating impactful solutions.

### SKILLS

#### Programming Languages:

- Python
- Web Development
- SQL
- RDBMS

#### Frameworks & Libraries:

- FastAPI
- Tensorflow
- **langraph**
- **Langchain**
- **Version control**
- CI / CD
- **Scikit-learn**
- API communication

#### Tools & Platforms:

- Firebase
- **Git & GitHub**
- Power BI
- **Claud MCP**
- Anaconda
- Google AI Studio
- Kaggle
- Hugging Face

### PROJECTS

- **Customer Preference Analysis**( *Tech Stack: Data science, pandas, numpy, Seaborn, Tensorflow, Kaggle, keras, ML* )  
Developing a data science project for predicting the customer product preference.
- **AI Career Counselling Bot :** ( *Tech Stack: Python, NVIDIA LLM API, FastAPI, TTS , Web development* )  
An intelligent bot that assists students in choosing the right career path.
- **College Chatbot :** ( *Tech Stack: FastAPI, LLM API, NLP, Langchain, Async programming, Python* )  
Developed a chatbot for my college by extracting data from the the official website.
- **Rocket.chat documentation chatbot (GSOC):** ( *Tech Stack: GIT AND GITHUB, Local storage, Indexed DB* )

This project we created a bot which can answer any data from the Documentation page of the rocket chat DOC

### INTERNSHIPS

- **Machine Learning intern** at Bharath intern. ( May 2024- NOV 2024 )

I had learnt various machine learning libraries like, tensorflow, numpy, pandas, matplotlib. I had developed iris classification machine learning project.

- **Data science intern** at Cognify ( JULY 2025- AUG 2025 )

I had developed, developed different level of tasks from basic. Developed projects like **Geospatial Analysis, Table Booking and Online Delivery.**

### CERTIFICATIONS:

- **Great learning** certified Prompt engineering
- **IBM** Certificated data analysis with Python
- 3rd place in **Arczon company hackathon.**
- **Scaler** certified data engineer roadmap webinar
- **NIT** Certificated 3D Modelling.
- **Guvi** Certificated Python course completion
- 1<sup>st</sup> runner up in the **AI chatbot Hackathon** certified by my university

### EDUCATION

#### Artificial Intelligence and data Science ( B.Tech )

Dhanalakshmi Srinivasan university, Tiruchirappalli.

**CGPA : 7.5**

( 2022 - 2026 )

#### Higher studies

Cauvery global school , Tiruchirappalli.

**12th : 70%**

( 2018 - 2020 )