

Sharukesh G

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OBJECTIVE

Artificial Intelligence and Data Science graduate with strong skills in Python, Machine Learning, Deep Learning and Data Structures & Algorithms. Solved 400+ LeetCode problems and built AI applications using LLMs, NLP and ML deployments using Django, Docker, and Streamlit. Seeking opportunities to apply AI and software engineering skills to solve real-world problems.

EDUCATION

Karpagam College of Engineering

B.Tech Artificial Intelligence and Data Science - CGPA : 7.67

Coimbatore, IN

Apr 2026

Sri Sowdeswari Vidyalaya Matric Hr Sec School

Math – Computer Science (HSC) - CGPA: 75

Coimbatore, IN

May 2022

PROJECTS

Adaptive Credit Card Fraud Detection System - [Link](#)

Jan 2026 – Mar 2026

- Built an LSTM/GRU pipeline modeling card transactions as temporal sequences for pattern-aware fraud classification.
- Integrated a PPO/DQN RL agent for real-time approve/block/review decisions using cost-sensitive reward shaping.
- Designed adaptive preprocessing for class imbalance and concept drift, reducing false negatives by 40%.
- Tools/Tech:** Python, Streamlit, Python, LSTM/GRU, RL, Scikit-learn.

WhatsApp Chat Sentiment Analyzer - [Link](#)

Feb 2025 – Jun 2025

- Trained an RNN-based NLP model to classify message-level sentiment (positive/negative/neutral) from 10,000+ WhatsApp chat messages.
- Built a preprocessing pipeline (tokenization, stop-word removal, feature engineering) to map user engagement trends.
- Created interactive visualizations (sentiment timelines, activity heatmaps) enabling 3x faster insight discovery vs. manual analysis.
- Tools/Tech:** Python, NLP, RNN, Matplotlib, Streamlit, VS Code

Indian Food Analysis Dashboard - [Link](#)

Oct 2025 – Nov 2025

- Built Taste of India, an interactive Tableau dashboard analyzing regional diversity in Indian cuisine using a self-curated dataset created by merging and cleaning multiple public food datasets.
- Designed treemaps, word clouds, pie charts, and clustered/stacked bar charts to visualize flavor profiles, cooking times, course categories, and state-wise dish distribution..
- Integrated Delivered data-driven storytelling and actionable insights, showcasing skills in data collection, preprocessing, visualization, and business intelligence.
- Tools/Tech:** Python, SQL, Data visualization, Tableau

TECHNICAL SKILLS

Languages: Java, Python, SQL

Libraries: NumPy, Pandas, Matplotlib, Scikit-Learn

Developer Tools: Git, GitHub, VS Code, MongoDB, Tableau

Skills: Data Structures & Algorithms, OOP, Machine Learning, Database Management, Problem Solving

Tools/Tech: LLMs, Generative AI, RAG, LangChain, ChromaDB, CrewAI, Streamlit, Prompt Engineering

ACHIEVEMENTS

Coordinator of Braini-Hack (IntraLevel Hackathon)(AD Department)

Attended multiple workshops on Artificial Intelligence and DL applications

Solved 400+ problems on LeetCode

CERTIFICATIONS

Qlik: QlikSense Business Analyst

Sep 2024 – Nov 2024

NPTEL: Big Data Computing

July 2024 – Oct2024

Livewire: Course on Python

Sep 2022 – Mar 2023