KATHIRVEL M
AI/ML FULLSTACK /PROMPT ENGINEER

https://kathirprotfolio.netlify.app/

CONTACT

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EDUCATION

Knowledge Institute of Technology
B.Tech – Information Technology
2022 – 2026
Current CGPA: 7.1 / 10

Government Higher Secondary School
HSC
2021 – 2022
12th Percentage: 63.3%

Government Higher Secondary School
SSLC
2019 – 2020
10th Percentage: 45%

SKILLS

- python
- Datascience
- Machine Learning / Deep Learning
- python frameworks-FastApi,flask
- linux basics,Docker
- mlops/React basics

ACHIEVEMENTS

Hackathons:

- 2nd Prize at Jai Sri Ram College with a cash prize of ₹2000-(Sales Forecasting)
- Top 5 at Alliance University with a cash prize of ₹5000-(Goal traching)
- Top 10 at Dr. AIT – (Fintech)
- Top 13 at Reva University – (Gamethon)

Paper Publication at international Journals (IJSAT)-ID(IJSAT25037170)

Extracurricular Activities

- NSS volunteer
- Rotaract club volunteer

PROFILE SUMMARY

AI Full-Stack Engineer with strong expertise in machine learning, deep learning, and full-stack web development. Proven ability to architect and deploy scalable AI-driven applications using Python, TensorFlow/PyTorch, React, Node.js, and cloud platforms like AWS, GCP, and Azure. Experienced in building intelligent systems integrating NLP, computer vision, and generative AI models, and deploying them with modern MLOps practices. Adept at designing and optimizing both backend AI pipelines and frontend user interfaces for real-time analytics, chatbot systems, recommendation engines, and intelligent dashboards

INTERNSHIP

Skillvertex   05.02.2024-05.03.2024

DataScience & Machine Learning

in a Intern with hands-on experience in analyzing complex datasets, building predictive models, and delivering actionable insights to support data-driven decision-making. Proficient in leveraging data analysis tools and machine learning techniques to solve real-world problems.

Prodigy infotech   15.04.2024-15.05.2024

Data Science

- In a datascience intern is are predict to the stock prediction and involve some project and to Gained practical experience in data wrangling, cleaning, and preprocessing to ensure the integrity of datasets.
- Worked on designing and implementing machine learning models using tools like Python and Scikit-learn.
- Developed insightful data visualizations with Matplotlib, Seaborn,
- Contributed to projects involving time-series analysis, sentiment analysis, and clustering techniques.

Codsoft   15.05.2024-15.06.2024

Python Programming

problem-solving techniques.Worked extensively with libraries such as Pandas, NumPy, Matplotlib, Seaborn, and OpenPyXL for data analysis and visualization.

PROJECT

- AI Chatbots
- AI Image Generator
- Semantic Search Engine
- Text Generator
- Multimodal AI System
- Text Summarization Pipeline
- Stock Price Prediction Dashboard
- Diabetes Prediction based on Health Conditions
- Textile Sales Prediction / Retail Sales Forecasting
- Indian Restaurants Rating Prediction with AI-Integrated Analytical Dashboard