

KATHIRVEL M

AI FULLSTACK /PROMPT ENGINEER

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
2021 – 2022
12th Percentage: 63.3%
Government Higher Secondary School
2019 – 2020
10th Percentage: 45%

SKILLS

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

ACHIEVEMENTS

HACKATHONS:
2ND Prize at Jai Sri Ram College with 2000 cashprice
Top 5 at Alliance university with 5000 cashprice
Top 10 at Dr.AIT
Top 7 at Reva University

Paper Publication at international Journals (USAT)-

Extracurricular Activities
NSS volunteer

Rotaract club volunteer

LANGUAGES

- English
- Tamil

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 DevOps/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

DataScience & Machine Learning

05.02.2024-05.03.2024

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

- STOCK PREDICTION TO CREATE DASHBOARD
- DIABETES BASED ON HEALTH CONDITION
- TEXTILE SALES PREDICTION/RETAIL SALESFORECASTING
- INDIAN RESTAURANTS RATING PREDICTION/AI INTEGRATION ANALYTICAL DASHBOARD
- Own AI chatbots,AI Image Generater,Semantic Search Engine
- Text generator,MultimodelAIsystem,TextSummarize pipeline