

AKASH C

STUDENT

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EDUCATION

karpagam College of Engineering | Coimbatore

B.Tech Artificial Intelligence and Data Science [2023-2027] CGPA:8.7(Current)

Jayanthi Matric Hr Sec School | Tiruppur

HSC [2023] 84.4%
SSLC [2021] PASS

TECHNICAL SKILLS

Language : Python , Java

ML / DL Framework : Pandas , Numpy , Tensorflow , Keras , Matplotlib

Tools : Git , DVC , Dockers , Jenkins , Google Colab

PROJECTS

Air Quality Prediction using XGBoost & MLOps

April'25

- Built and deployed an air quality prediction model using XGBoost, integrated with a Flask API for real-time predictions.
- Implemented MLOps practices with Docker for containerization and CI/CD pipelines to automate and scale model deployment.

Blood Pressure Prediction using ML

January'25

- Developed a machine learning model to predict blood pressure using patient health data, deployed via a Flask API for real-time access.

AI Chatbot for Outfit Suggestion

Apirl'25

- Developed a rule-based outfit suggestion chatbot using Flask API with conditional logic to recommend outfits based on user input.

CERTIFICATION

- NPTEL - Python for Data Science [ELITE + SLIVER] August'24
- NPTEL - Introduction to Internet Of Things [ELITE + SLIVER] April'25
- MongoDB - MongoDB Basics for Students June'25
- QLIK - QLIK Sence Buisness Analyst November'24
- Udemy - Natural language preprocessing using spacy April'25
- NPTEL - Enhancing Soft Skills and Personality [ELITE] April'24

PROFESSIONAL EXPERIENCE

- Internship - BYTS - Python June'24
- Internship - Techno Hacks - Machine Learning February'25