

KEERTHANA R

AI Engineer

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SUMMARY

Motivated and detail-oriented AI Engineering aspirant with a strong academic background in Artificial Intelligence and Data Science. Passionate about developing smart systems and actively seek to solve real-world problems using AI/ML techniques while continuing to learn and grow in emerging technologies. My goal is to become a proficient AI Engineer.

EXPERIENCE

Internship

08/2024 – 08/2024

TRIOS TECHNOLOGIES PVT

Chennai, India

- Worked on ML applications for IoT-based solutions, focusing on data preprocessing, model training, and real-time integration with embedded systems using Python and Scikit-learn.

EDUCATION

Karpaga Vinayaga College of Engineering and Technology

Chengalpattu, India

Bachelor of Technology (B.Tech) - Artificial Intelligence and Data Science

2022 – 2026

GPA: 8.14/10.0

Government Girls Higher Secondary School

Madurantakam, India

HSE (Class 12)

2021 – 2022

Percentage: 80.3%

PROJECTS

Multi-Disease Prediction Dashboard

Technologies: Python, Streamlit

- Developed a Streamlit web app to predict major diseases (Diabetes, Heart, Kidney, Liver) with a simple UI, data saving, and PDF report generation.

Plant Disease Diagnosis App

Technologies: Python, Deep Learning

- Built a deep learning model for plant disease detection from leaf images, offering accurate diagnosis and treatment suggestions to improve crop health.

Face Recognition Attendance System Using Raspberry Pi

Technologies: Python, OpenCV, Deep Learning, Raspberry Pi

- Developed a real-time facial recognition system using OpenCV, optimized for Raspberry Pi, to automate attendance, improving accuracy and saving time.

SKILLS

Programming Databases: Python, SQL, HTML

Libraries Frameworks: Pandas, Numpy, Scikit-Learn, OpenCV, Streamlit

Core Concepts: Machine Learning, Deep Learning

COURSES

- Complete DS, ML, DL, and NLP Bootcamp - Udemy
- Advanced Learning Algorithms - Coursera DeepLearning.AI
- Python for ML, MySQL Basics, Face Recognition in OpenCV - Great Learning