

HARRISH RAJA D

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SUMMARY

Passionate AIML engineering student with hands-on experience in building real-time machine learning systems and responsive web applications. Skilled in translating complex problems into practical solutions through innovative project work

EDUCATION

B.E CSE(AIML), Sri Sairam Engineering College , Chennai 2022 - 2026
CGPA : 8.20

CBSE class 12, Thriveni Academy , Oragadam 2021 - 2022
Percentage : 82%

CBSE class 10, Thriveni Academy , Oragadam 2019 - 2020
Percentage : 93%

SKILLS

Python, Java, C++, JavaScript, SQL, HTML5, CSS3, React.js, Tailwind CSS, TensorFlow, Keras, Scikit-learn, OpenCV, NumPy, Pandas

EXPERIENCE

ML Intern Dec 2024
NeubAitics Tech Pvt Ltd *Chennai*

Developed an **AI-powered theft detection system** for real-time threat identification, achieving **85% detection accuracy** and significantly reducing the need for manual surveillance. The application was **Dockerized** to ensure consistent deployment across environments, enhancing maintainability and scalability.

Built an **AI-based attendance management system** using face recognition to automate employee attendance. Leveraged **OpenCV and Haar cascade classifiers** to enable real-time face detection and recognition with **88% accuracy**, resulting in an **80% reduction in manual entry errors** and improved efficiency in tracking attendance.

PROJECTS

AI Chatbot | React.js, Vite, Google Gemini API [Link](#)

Developed a responsive chatbot application with real-time conversation capabilities.
Integrated Google Gemini API for intelligent user interactions and natural language processing.
Implemented modern UI design using React.js and Vite for optimal performance.

Pothole Detection System | YOLOv5, Raspberry Pi 4, Python, OpenCV, GPS [Link](#)

Developed real-time computer vision system achieving 87-90% detection accuracy at 6-8 FPS.
Implemented YOLOv5s model with GPS integration for precise road damage location mapping.
Delivered automated driver alerts and scalable solution for smart road maintenance systems.

Weather App — HTML5, CSS3, JavaScript, Weather API [Link](#)

Created responsive weather application fetching real-time meteorological data from public APIs.
Implemented geolocation features and user input functionality for location-based weather information.
Designed clean, intuitive user interface displaying temperature, humidity, and current weather conditions.

CERTIFICATIONS

Generative AI (Google Cloud) | Cloud Computing (NPTEL) | Deep Learning (NPTEL)
| Human Computer Interfaces (NPTEL) | Compiler Design (NPTEL) | Applied Generative AI & NLP (Udemy)