

Keerthika Karthikeyan

AIML Full Stack Developer

Contact

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About Me

Enthusiastic and solution-driven student with a strong foundation in Full-Stack Web Development and a growing expertise in Artificial Intelligence and Machine Learning (AI/ML). Passionate about leveraging cutting-edge technologies to solve real-world problems. Eager to continuously learn, adapt, and contribute meaningfully in dynamic tech environments.

Technical Expertise

- Programming Languages:**
C Programming
- Frontend Development:**
HTML, CSS, React
- Backend Development:**
Node.js, Express.js
- Database Management:**
MongoDB, DBMS
- Full Stack Development:**
MERN Stack (MongoDB, Express, React, Node)

Soft Skills

Communication, Problem-Solving, Time Management, Leadership, Teamwork, Debugging, Critical Thinking, Creativity

Language

- English (Fluent)
- Tamil (Native)
- Hindi (Read & Write)

Education

- UG: B.TECH - INFORMATION TECHNOLOGY**
Sri Manakula Vinayagar Engineering College,
Madagadipet, Puducherry-605107
2022 - 2026
CGPA : 8.17
- HIGHER SECONDARY SCHOOL : HSC 12th Grade**
Aristo Public School,
Cuddalore, Tamilnadu-
2021-2022
PERCENTILE: 77%
- SECONDARY SCHOOL SSC : 10th Grade**
St. Mary's Matriculation Higher Secondary School,
Cuddalore, Tamilnadu
2020-2021
PERCENTILE: 73.4%

Certification Course

- DIPLOMA : MERN STACK DEVELOPER**
Ocean Academy Software Training Division,
Venkateshwara Nagar, Saram, Puducherry, 605013
Nov 2024 - April 2024
OCNST10869
- NPTTEL : CLOUD COMPUTING**
St. Mary's Matriculation Higher Secondary School,
Cuddalore, Tamilnadu
Jul 2024 - Oct 2024
PERCENTILE: 69%

Project Works

- GravityCargo**
AI-Powered Logistics Optimization
 - Designed an AI-driven system that optimizes container space utilization up to 85%.
 - Reduced shipping costs, product damage, and CO₂ emissions significantly.
- GO SMART**
Real-Time Object Detection & Tracking System
 - Developed a machine learning model for real-time object detection and tracking.
 - Aimed at improving in-store theft prevention and misplaced item management.

Acheivements

Oxday Hackathon Finalist

AI Powered Logistics Optimization

Scored Top 10 out of 150 teams conducted by Oxday on SMVEC, Puducherry with cash prize of 5000 INR for our AI Powered Logistics Optimization Project on this 24-hour hacakthon.