



## KEERTHIMULLAIVASAN

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## OBJECTIVE

A tech enthusiast who sees code as creativity in motion—keen to blend the logic of AI with the design of the web to build smarter, more human-centered solutions.

## TECHNICAL SKILLS

- Java
- C
- Python
- Web Development
- Data Structures & Algorithms
- OOPs Concept in Java

## SOFT SKILLS

- Problem Solving
- Passionate Learner
- Communication Skills
- Time Management
- Team Work

## CERTIFICATIONS

- Advanced Software Engineering Job Simulation from Forage.
- HTML, CSS & JavaScript from Udemy
- Azure Skill test and Azure Fundamentals from Microsoft Azure
- Cybersecurity Threat Landscape from LinkedIn.

## EDUCATION

2023-2027

### KARPAGAM INSTITUTE OF TECHNOLOGY

- Bachelor of Engineering (Computer Science & Engineering)
- CGPA: 7.6

2021-2023

### TRINITY INTERNATIONAL SCHOOL

- HSC
- Percentage: 70%

2020-2021

### MANCHESTER INTERNATIONAL SCHOOL

- SSLC
- Percentage: 60%

## • PROJECTS

### SMART IRRIGATION SYSTEM

Designed and developed a smart irrigation system integrating Multiple environmental sensors into a centralized controller using ESP32, enabling real-time data monitoring and remote control of Water pumps through a unified web and mobile application.

Certified by: Ministry of MSME, Govt. of India

### MENTAL HEALTH SENTIMENT TRACKER

I built a simple emotional journal app using Python Flask and Azure Cognitive Services (Text Analytics API) to analyze the emotional Tone of daily entries. The results are stored in Azure Cosmos DB. Developed in Visual Studio Code, this mini project marks the beginning of my learning journey into emotional AI and cloud-based Apps.

## INTERNSHIP

### **AI/Machine Learning:**

- Completed a certified internship focused on Artificial Intelligence and Machine Learning applications.
- Gained hands-on exposure to ML model development, data preprocessing, and algorithm implementation.
- Learned practical concepts using tools like Python, Scikit-learn, validation using real-world datasets.
- Enhanced understanding of model training, testing, and validation using real-world datasets.