MADHAVAN S

B.Tech - Artificial Intelligence & Data Scince

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PROFESSIONAL SUMMARY

Aspiring AI Engineer and Frontend Developer with practical experience in Python, Java, and real-time project development. Familiar with ML and LLM concepts, and passionate about building intelligent systems through hands-on learning.

EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	8.75 (Current)	2025-Present
HSC	GOVERNMENT HR SEC SCHOOL	83%	2022 - 2023
SSLC	ST.MARY'S HIGH SCHOOL	100%	2020 - 2021

PROJECTS

- **AI-Powered Smart Diet and Workout Assistant**
  Group Project
  - Built an AI-powered platform that provides food recipes along with detailed calorie information.
  - Used NodeJS, MongoDB, ExerciseDB API, CalorieNinjas API, Spoonacular API then also user feedback.
- **Alzheimer's Disease Prediction Using Machine Learning**
  Hackathon Project
  - Developed an machine learning algorithms to predict Alzheimer's disease at an early stage based on patient clinical & cognitive data.
  - Completed this project using the Kaggle dataset with Python libraries such as Pandas, NumPy, Scikit-learn, and Matplotlib.

TECHNICAL SKILLS

- **Programming languages:** Python , JAVA
- **Database Management:** MySQL
- **Web Technologies:** HTML, CSS
- **Operating Systems:** Windows,
- **Tools:** Git, Github ,VS Code
- **AI/ML Techniques:** NLP, Deep Learning

PARTICIPATION & CERTIFICATION

- Participated in Smart India Hackathon 2024 – Advanced to Round 2.
- Participated hackathon at VIT College, Chennai and KPR College, Coimbatore. It was helpful to improve my knowledge.
- Java Programing (Yellowmatics) - KNCET
- Machine Learning Course - KNCET

KEY COURSES TAKEN

- Data Structures and Algorithms
- Database Management Systems
- Big Data Analytics
- Machine Learning
- Computer Networks

INTERNSHIPS

GR SOFT TECH Pvt Ltd - Trichy, Tamil Nadu   2nd July 2025 - 20 July 2024
- Gained practical exposure to NetBeans IDE and development tools.
- Worked on real-time projects and enhanced problem-solving skills.

SAMCORE SOLUTION Pvt Ltd - Trichy , Tamil Nadu   28 Nov 2025 - 12 Dec 2025
- Developed AI models using neural networks for practical applications.
- Enhanced skills in Python, TensorFlow, and Keras through hands-on experience.