

# Bharathi M

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## Education

### B.Tech in Artificial Intelligence and Data Science

Sri Venkateswara College of Engineering, Sriperumbudur, Tamil Nadu, India

Expected Graduation: May 2026

## Skills

**Programming Languages:** C, Python, Java, SQL, HTML, CSS, JavaScript

**Tools and Technologies:** Pandas, NumPy, Matplotlib, Power BI, Excel, Tableau

**Other Relevant Skills:** Data Analysis, Web Development

## Projects

### Blood Bank Management System

Developed a web-based Blood Bank Management System to streamline blood donation and management processes. Implemented key features such as donor registration, blood receiver search, request management, inventory tracking, and notification systems. Utilized HTML, CSS, JavaScript, PHP, and a database to build a user-friendly and efficient application.

**Technologies Used:** HTML, CSS, JavaScript, PHP, Database

### Enhancing Mental Health

Developed an AI-powered mental health companion application that utilizes TensorFlow, emotion recognition, and machine learning to provide personalized support. Implemented features such as text-based conversations, audio and video interactions, emotion analysis, question generation, and resource recommendations. Contributed to the development of a compassionate and effective tool for improving mental well-being.

**Technologies Used:** TensorFlow, OpenCV, Flask, Pandas, Matplotlib

## Achievements

### District Winner, Carrom (2018)

Awarded by the Carrom Association Tamilnadu.

Participated in two state-level carrom competitions representing the district.

### Hackathon Participation (2)

Actively participated in 2 hackathons, contributing to team efforts in problem-solving and innovation.