SIVARAM V

MECHATRONICS ENGINEERING STUDENT

CONTACT

- ✉ sivaram.mc22@bitsathy.ac.in
- ✉ sivaram03035@gmail.com
- 🔗 https://www.linkedin.com/in/sivaram-v-6745b2271
- ☎ +91 7358916858

EDUCATION

UG - Bannari Amman Institute Of Technology - (2022 - 2026)
Current CGPA - 8.14 Upto 6th Semester

Jai Saradha Matric Higher Secondary School - (2008 - 2022)
12th - Percentage - 88.3%
10th - Percentage - 71%

TECHNICAL SKILLS

- C PROGRAMMING
- PYTHON
- SQL
- JAVA
- HTML, CSS

TOOLS

- VS CODE
- GOOGLE COLAB
- ARDUINO IDE
- MIT APP INVENTOR
- ANDROID STUDIO

CAREER OBJECTIVE

Aspiring software engineer specializing in AI, database management and front-end development. Experienced in building web applications, automation systems, and AI-driven solutions for efficiency and scalability. Passionate about problem-solving, continuous learning, and driving innovation.

PROJECTS INVOLVED

AI POWERED CONTENT MODERATION
NOV 2024 - MAY 2025

Developed an AI-powered video moderation system integrating the detection of copyrighted, nudity, violence, and hate speech.
Role: Video Copyright & API Integration
Technologies used: Python, OpenCV, pHash, Chroma, embeddings

WASTE SORTING SYSTEM | JULY 2024 - NOV 2024

Designed and developed a machine learning-based system to automatically classify degradable and non-degradable waste using advanced image processing techniques.
Role: Data collection
Technologies Used: Python, OpenCV, Machine Learning.

FETUS MOVEMENT MONITORING SYSTEM
MAR 2024 - AUG 2024

Developed a real-time fetus movement monitoring system using ESP32 and MIT App Inventor to track and display fetal activity for maternal health monitoring.
Role: Application development
Technologies Used: ESP32, MIT App Inventor, BMX160

6 AXIS ROBOT ARM | SEPT 2023 - MAR 2024

Designed and manufactured the mechanical structure of a robotic arm with six degrees of freedom for precise multi-axis movement.
Role: Mechanical Design & Manufacturing
Technologies Used: SolidWorks

AREAS OF INTEREST

- Machine Learning & AI
- Database Management
- Web Development
- Internet of Things (IoT)

STRENGTHS

- Leadership
- Problem-Solving
- Teamwork
- Time Management

HOBBIES

- Photography
- Cricket
- Movies

LANGUAGES

- Tamil: Read, Write, Speak
- English: Read, Write, Speak

COMPETITIONS & ACHIEVEMENTS

- **Special Jury Prize –** L&T Techgium 2024 (Team Size: 4)

- **Winner –** Galaxy Phase II at GCE Erode (Team Size: 4)

- **Special Prize –** Hackzilla at KPRiet Coimbatore (Team Size: 5)

- **Participant –** The Dark Pattern Buster Hackathon 2023 (Team Size: 4)

- **Participant –** TN Skills - Mobile Robotics (Team Size: 2)

CERTIFICATES

PYTHON ESSENTIALS 1 - CISCO NETWORKING ACADEMY & OPENEDG PYTHON INSTITUTE

Gained proficiency in Python programming, debugging, and algorithmic problem-solving.
Date: April 15, 2023

INTRODUCTION TO DATA SCIENCE - CISCO NETWORKING ACADEMY

Completed course on data analytics, AI, and machine learning applications.
Date: September 18, 2023

DECLARATION

Hereby I declare that the above-mentioned information is true to my knowledge.

PLACE: Tiruppur
DATE:

SIGNATURE