

MADHUMITHA J.S

Mobile:(+91)- 9791480068

Email: jsmadhumitha21@gmail.com

CAREER OBJECTIVE

Motivated Electronics and Computer Engineering undergraduate with a strong interest in IoT and Embedded Systems and also seeking a role where I can apply my skills in Python and web development to build intelligent, automation-driven solutions that seamlessly integrate hardware and software.

Educational Qualifications

Degree/Course	Institute	Year of passing	CGPA/ Percentage
B.Tech Electronics and Computer Engineering	Karunya Institute of Technology and Sciences	2027	*8.83 (Sem-3)
Senior Secondary (State board)	St. Joseph's Matric Hr. Sec. School	2023	88.7%
Higher Secondary (State board)	Velavan Matric Hr. Sec. School	2021	Pass

Area of Interest

- Internet of Things (IoT)
- Web Development
- Prompt Engineering

Technical Skills

- **Languages:** Python (Intermediate), C++
- **Tools:** OpenAI APIs, VS Code, Arduino IDE

Training

- **Cisco** – Python Essentials – 30 hours
- **NoviTech** – IoT Development Course– 30 days
- **Internship at Vasantha Advanced Systems** – Quality Department (30 days)
- **CodeBind Technologies** – Web Development Internship (15 days)
- **HackerRank Certification** – Python (Basic) & Problem Solving (Basic) Certification exams after completing training challenges.
- **Be10X** – Certified on AI Tools Workshop.
- **Rotaract Club-** Arduino Hands-on Workshop (1-day)
- **Intelligent Machine for Real Time Applications** – Hands-on Workshop(2 days)
- **STM32 for Embedded Systems-** Hands-on Workshop(2 days)

Projects and Achievements

- **Smart Lighting System with SOS (Arduino):** Created an energy-efficient lighting system with emergency alert, won 3rd prize in inter-college event.
- **Library Management System (Python + SQL):** Developed a basic system for managing book records and user data.
- **Gas Leakage Detection System (Arduino):** Built a safety system to detect gas leaks and trigger automatic shut-off.

Core Competencies

- Analytical Thinking
- Team Collaboration
- Code Debugging & Optimization

Personal Information

Date of Birth: 21st December 2005

Language proficiency: English, Tamil(R,W,S)

Nationality: Indian

State: Tamil Nadu

Permanent Address: 58 , Guruvayurappan Nagar,

Muthanampalayam P/O,

Nallur, Tirupur – 641606