

MADHUMITHA S V

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Profile Summary

Computer Science Engineering student specializing in Artificial Intelligence, with hands-on experience in machine learning, web application development, and data-driven problem-solving. Skilled in designing real-time monitoring systems, optimizing workflows, and delivering efficient digital solutions. Proven track record through internships and projects spanning SEO, frontend development, and ML, demonstrating adaptability across technology and business functions.

Education

Sathyabama Institute of Science and Technology BE Computer Science Engineering with Specialization in AI - CGPA: 7.66	August 2023 – Present
Velammal Vidhyashram Mambakkam Higher Secondary School - Percentage: 74%	April 2021 – March 2023
Velammal Vidhyashram Mambakkam Senior Secondary School - Percentage: 85.4%	April 2019 – March 2021

Experience

Software Developer - MarteX Software Enterprises <ul style="list-style-type: none"> Developed and deployed tailored AI-driven web applications for clients, delivering scalable and performance-optimized solutions. Collaborated with cross-functional teams to design intelligent automation workflows and data-driven dashboards. Tech Stack: HTML, CSS, Flutter, React.js, Python, Flask 	Chennai October 2025 - Present
AI/ML Engineer - Meras Plugins Pvt.Ltd. <ul style="list-style-type: none"> Spearhead Real-Time Energy Management Dashboard for Multi-Building Consumption Analytics, Anomaly Detection, and Efficiency Reporting. Tech Stack: AWS S3, JavaScript, React.js, Timescale Db, Python, Scikit-learn 	IITM Research Park Jul 2025 - Oct 2025
SEO Analyst - Zuuze Solutions <ul style="list-style-type: none"> Executed SEO initiatives boosting organic traffic by 20% and enhancing lead generation. Tools: Google Search Console, SEMrush, Ahrefs, WordPress. 	Siruseri Jan 2025 - Jun 2025
Frontend Developer Intern - Relyce Infotech <ul style="list-style-type: none"> Delivered responsive React.js and Flutter UI components, enhancing UX and lifting engagement metrics by 15%. Tech Stack: React.js, Flutter, JavaScript, UI/UX Design principles. 	Shollinganallur Oct 2024 - Jan 2025

Projects

CodyGrow - Streamlining the Data Science Workflow <ul style="list-style-type: none"> Developed a web platform to simplify data science workflows through reusable scripts for data cleaning, modeling, and visualization, accelerating project delivery for users with varying expertise. Tech Stack: Flask, Python, JavaScript, Data Visualization libraries. 	April 2025 - Present
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WearX - Real-Time Disease Monitoring

March 2025

- Designed and implemented a low-cost AI wearable device for real-time detection of stroke, fall incidents, and Parkinson's disease symptoms, enabling early intervention via live health tracking and emergency alerts.
- Tech Stack: Flutter, Firebase, ESP32, ML Models (Python).

Code Craft - Event Summary Application

August 2024

- Developed a secure Flask web app to provide event highlights, day-wise summaries, and workshop details for CodeCraft, increasing attendee engagement and accessibility to event content.
- Tech Stack: Flask, Python, SQLite, Authentication modules.

Technologies

Programming Languages: Python, JavaScript, C, HTML, CSS

Developer Tools: VS Code, Android Studio

Technologies & Frameworks: GitHub, WordPress, Figma, Canva, Microsoft Office, Flask, React.js, React Native, Flutter, Semrush.

Soft Skills: Communication, Teamwork, Project Management, Leadership, Critical Thinking, Problem solving

Languages: English, Tamil, Hindi

Certifications


Meta Ads 101 Workshop - [GUVI Geek Networks](#)  June 2025

BITS Pilani Hyderabad Hackathon - [Participant](#)  March 2025

Introduction to Data Science - [Cisco Networking Academy](#)  May 2025

Introduction to Modern AI - [Cisco Networking Academy](#)  May 2025

Natural Language Processing Fundamentals - [Infosys Springboard](#)  April 2025

Generative AI - [GUVI Geek Networks](#)  October 2024

Smart India Hackathon (SIH) 2024 - [Top 25 College Level](#)  September 2024

Machine Learning Onramp - [MathWorks](#)  September 2024

React.js - [Infosys Springboard](#)  August 2024

Cyber Security and Ethical Hacking - [Coincent.ai](#)  December 2023