

HEMALATHA S V

STUDENT

CONTACT

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SKILLS

- Programming: Python, C
- AI & ML: Agentic AI, Machine Learning Basics, Multi-Agent Systems
- Backend & DB: FastAPI, SQLite, SQL
- Cloud & Tools: AWS (Foundations), Microsoft Azure (Basics), IBM Cloud
- Soft Skills: Time Management, Team Coordination, Communication

LANGUAGES

- English (Fluent)

LEADERSHIP AND ACTIVITIES

As the Executive Coordinator of my department, I have actively contributed to planning and organizing events. This role enhanced my leadership, communication, and teamwork skills while ensuring the success of departmental programs.

PROFILE

Motivated Computer Science student specializing in Artificial Intelligence and Machine Learning at Maharaja Institute of Technology, Mysuru. Strong foundation in Python, data science, and machine learning with hands-on experience through academic projects and research. Published a peer-reviewed journal paper and actively seeking internships and real-world project opportunities to apply technical and analytical skills.

PROJECT & PUBLICATIONS

Agentic AI-Based Tournament Management System Technologies & Keywords Publications
Publication: International Journal of Creative Research and Development (IJCRT)
• Designed and developed an Agentic AI-powered tournament management system to automate scheduling, team registration, match coordination, and result tracking.
• Implemented autonomous and multi-agent systems to enable intelligent decision-making and workflow automation.
• Built a scalable backend using FastAPI and SQLite, ensuring high performance, reliability, and maintainability.
• Integrated an AI-powered natural language query assistant to enhance user interaction and data retrieval.
• Performed unit, integration, system, and acceptance testing to ensure accuracy, stability, and consistency.
• Research work peer-reviewed and published in IJCRT, demonstrating applied AI, system design, and automation.
• Agentic AI, Artificial Intelligence, Autonomous Agents, Multi-Agent Systems, FastAPI, SQLite, Intelligent Systems, Decision-Making Algorithms, Workflow Automation, System Design, Research Publication

Hemalatha SV, "Agentic AI-Based Tournament Management System", International Journal of Creative Research and Development (IJCRT), 2025.

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science & Engineering (AI & ML)
Maharaja Institute of Technology, Mysuru

2023 - 2027

Pre-University Course (PUC) - Science (PCMB)
Jyothi Nivas PU College, Srirangapatna

2023

SSLC- Jyothi Nivas School, Srirangapatna

2021

CERTIFICATE & LICENCES

AWS APAC - Solutions Architecture Job Simulation, Forage Licence	Mar 2025
Tools for Data Science, IBM	Oct 2025
3 Day Agentic Ai Mini Project	Nov 2025
Crash Course on python - Google	Oct 2025
Wells Fargo-Software Engineering Job Simulation License	Jul 2025
Tata -Gen AI powered Data Analytics Job Simulation License	Sep 2025
Introduction to Cloud Computing, IBM	Oct 2025
Introduction to Microsoft Azure Cloud Services, Microsoft	Dec 2025

ACHIEVEMENTS

Represented Taluk level athletics competition in 100m running, Srirangapatna 2022