ARAVIND ADITYAA M

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CAREER OBJECTIVE

As a Computer Science Engineering undergraduate, I am passionate about learning and exploring new technologies. Thriving in collaborative environments, I am committed to continuously improving my skills and staying updated with emerging trends. I aim to contribute effectively to the growth and success of the organization.

TECHNICAL SKILLS

Programming Languages — Java, Python, C

Database & Query Language — SQL

Web Technologies — HTML, CSS, JavaScript, React (Basics)

AI / ML — Machine Learning Basics, NLP, LLMs

Tools — Git, GitHub, VS Code, Ollama

Concepts — OOP, Full Stack Development Basics, Generative AI Fundamentals

CERTIFICATIONS

- **Java Foundation Certification** – Infosys Springboard
- **Python Foundation Certification** – Infosys Springboard
- **Artificial Intelligence Fundamentals** – IBM
- **AI Foundations Associate** – Oracle
- **Full Stack GenAI (40 Hrs)** – SinthanAI (IITM Mechanica)
- **Introduction to Machine Learning** – NPTEL (Elite)

ACHIEVEMENTS

Co-inventor of an Indian patent titled *"AI-Powered Smart Hairbrush for Personalized Scalp Health Monitoring and Enhanced Hair Quality"* (Application No. 202541117459, Published Jan 2026).

Presented a research paper titled *"Neuro-Symbolic AI: Enhancing Explainability in Communication Systems"* at ICAICS-2025.

Participated in the NASA International Space Apps Challenge 2025 (*Galactic Problem Solver* recognition).

Awarded Consolation Prize at the AI Autonomous Hackathon 2025, Siddhartha Academy of Higher Education (SAHE), Vijayawada.

Qualified Round 2 in TCS CodeVita Season 13.

AREA OF INTERESTS

Web Development | Full Stack Development | Software Engineering | AI Applications

INTERNSHIP EXPERIENCE

Microsoft Elevate Intern (AICTE – Microsoft),
Dec 2025 - Jan 2026 | Online
Completed a 4-week internship on Microsoft Copilot under the Microsoft Elevate initiative.

Artificial Intelligence Intern – Infosys Springboard,
Oct 2025 - Dec 2025 | Online
Worked on Capabot, a resume matcher and skill recommender using Python and AI/ML concepts.

Full Stack Web Developer Intern – PanTech.AI,
Jun 2025 - Sep 2025 | Online
Learned frontend development by building a personal portfolio website using HTML, CSS, and JavaScript.

GenAI Full Stack Developer Intern – SinthanAI Academy,
Jun 2025 - Jul 2025 | On-Site
Developed an LLM-based chatbot with hands-on exposure to Generative AI full stack development.

PROJECTS

FEMORA – Women Safety System
Contributed to the development of a wearable-based women safety system with emergency alert and real-time location sharing.
Tech Stack: Arduino, Embedded C, GPS/GSM Communication

Capabot – Resume Analysis Tool
Built a resume analysis system that matches candidate skills with job descriptions and recommends improvements.
Tech Stack: Python, NLP, HTML, CSS, JS

Solvaze – Image-Based Maze Solver
Implemented an image-based maze solver using the A* algorithm to compute the shortest path.
Tech Stack: Python, OpenCV

Nayam AI – LLM-Based Health Chatbot
Developed an LLM-based health chatbot providing context-aware responses using prompt engineering.
Tech Stack: Python, LLaMA 3 (8B), Ollama

ACADEMIC QUALIFICATIONS

B.E. – Computer Science and Engineering,
R.M.D Engineering College - 7.92 CGPA (Till 5th Sem)
2023 – 2027

Higher Secondary,
SSK Matriculation Hr. Sec. School - 84.33%
2023