

ARAVINTHASAMY C

Theni, Tamil Nadu | +91 80989 88252 | aravinthasamyc@gmail.com | LinkedIn: aravinthasamyc | GitHub: Aravinth-aarav

Live Projects: tms02.rvscasmcafsd2k25.in | ollama-ai.rvscasmcafsd2k25.in

CAREER OBJECTIVE

MCA student with hands-on experience in AWS Cloud, Linux, Git, GitHub, Docker, and CI/CD practices. Skilled in deploying and managing applications on cloud infrastructure. Passionate about Cloud Computing, DevOps automation, and continuously learning modern cloud technologies.

TECHNICAL SKILLS

- Cloud Platforms: AWS (EC2, S3, IAM, VPC, CloudWatch)
- DevOps Tools: Docker, Git, GitHub, GitHub Actions, Jenkins, Terraform | Operating Systems: Linux (Ubuntu)
- Networking: IP Addressing, Subnets, VPC Components, Security Groups
- Database: MongoDB Atlas | Tools: VS Code, Postman
- Frontend: HTML, CSS, JavaScript, React.js | Backend: Node.js, Express.js, REST APIs

ACADEMIC QUALIFICATION

MCA (Pursuing) – R.V.S College of Arts & Science, Sulur, Coimbatore

BCA (2022–2025) – St. Joseph's College, Trichy

PROJECTS

Ticket Management System

- Deployed a MERN Stack Ticket Management System on AWS EC2.
- Containerized the application using Docker and managed source code with Git & GitHub.
- Implemented CI/CD automation using GitHub Actions and integrated MongoDB Atlas.
- Configured Linux servers, networking, and AWS Security Groups for secure deployment.

Self-Hosted Ollama AI API on AWS EC2

- Deployed and self-hosted Ollama LLM on AWS EC2 Ubuntu, integrating Llama 3.2 3B, Qwen 2.5 3B, and Mistral models with a Node.js/Express REST API
- Containerized Ollama, Node.js API, and PostgreSQL using Docker Compose, and configured Nginx reverse proxy with HTTPS using Let's Encrypt for secure API access.

Calories Detection System

- Developed a web-based application that analyzes food images and provides calorie and nutrition estimates.
- Built the frontend for food image upload and result display, and developed backend APIs to process and return the analysis results.

CERTIFICATIONS

- AWS Cloud Practitioner Essentials – AWS Training & Certification (April 25, 2026)
- Fundamentals of Cloud Computing (June 22, 2025)

INTERNSHIP

Web Designing Intern – Extendo Technologies, Madurai (May 2024)

- Worked on UI design tasks and built responsive web pages using HTML and CSS.
- Improved frontend skills by creating user-friendly layouts.

SOFT SKILLS

- Problem Solving | Quick Learner | Team Collaboration

HOBBIES

- Gym Training | Playing Cricket | Listening to Music