

SARVESH T

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PROFESSIONAL SUMMARY

AI/ML Engineer and full-stack developer with hands-on experience designing, training, and deploying machine learning models (regression, classification, NLP) and building production-ready applications with modern web and GenAI/LLM technologies. Delivered REST APIs, 95%+ accuracy predictive models, real-time collaboration platforms, and multi-agent AI orchestration systems across two engineering internships and independent projects. RHCSA and SnowPro certified, with additional certification in Agentic AI Foundations. Strong foundation in data structures, algorithms, and CI/CD workflows, with a track record of collaborating across cross-functional teams to ship scalable, reliable software.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL, R

AI / Machine Learning: Logistic & Linear Regression, Random Forest, Feature Engineering, Model Evaluation & Validation, NLP, LLM Integration, RAG (Retrieval-Augmented Generation), Multi-Agent Systems, Prompt Engineering

Web & Backend Development: Next.js, ReactJS, Node.js, Flask, REST APIs, SwiftUI, Tailwind CSS, Socket.io

Data & Visualization: Pandas, NumPy, Power BI, Tableau, Grafana

Databases: MySQL, PostgreSQL, Convex DB (NoSQL)

Cloud, DevOps & Tools: Oracle Cloud Infrastructure, Docker, Git/GitHub, CI/CD, Linux (RHCSA), Software Testing Frameworks

WORK EXPERIENCE

Software Engineer Intern

Aug 2025 – Oct 2025

FujiSakura Technologies

Chennai, India

- Built and deployed an internal team communication and collaboration platform (Slack-style) using Next.js, Tailwind CSS, Convex DB, and Socket.io, enabling real-time messaging and improving workflow coordination across departments.
- Developed Python-based backend modules and automation scripts that reduced manual operational work and improved overall team efficiency.
- Collaborated with a cross-functional engineering team using Git/GitHub, actively participating in daily standups, debugging sessions, and code reviews to strengthen application stability and code quality.

Technical Support Engineer Intern

Jun 2025 – Jul 2025

Vectra Technosoft Pvt. Ltd.

Chennai, India

- Built a Grafana-based analytics dashboard to monitor and visualize support ticket trends, improving visibility into system reliability and issue-resolution performance.
- Completed hands-on training in Red Hat Linux system administration, covering command-line operations, system configuration, permissions, process monitoring, and troubleshooting.
- Gained practical experience in server administration and technical support within enterprise Red Hat Linux environments.

PROJECTS

HealthHive – Health Monitoring & Risk Prediction App

- Developed an iOS application to record and track vitals including blood pressure, heart rate, glucose, and SpO2, with a PHP/MySQL backend for authentication and data storage.
- Built and deployed a Flask API serving a regression-based cardiovascular risk prediction model, achieving 95% accuracy on health metrics.

Aetheria – AI Travel Concierge Platform

- Built a full-stack AI travel planning application that generates, customizes, and exports bespoke day-by-day luxury itineraries using Google Gemini (gemini-2.5-flash) for natural language itinerary generation.
- Implemented interactive map visualizations, automated financial breakdowns, and universal calendar sync to transform travel preferences into curated, exportable travel journeys.

NexusOrchestrate – Multi-Agent AI Orchestration Platform

- Designed a production-grade, enterprise-scale multi-agent orchestration system enabling autonomous supervisor agents to delegate objectives to specialized worker agents and execute sandboxed tools and external APIs.
- Implemented long-term vector semantic memory (RAG), Human-in-the-Loop (HITL) approval gates, and live real-time telemetry for full execution traceability and system observability.

CERTIFICATIONS

Oracle Certified Agentic AI Foundations Associate

Aug 2026

Credential ID: 100770184AAI26OFA

SnowPro Associate: Platform – Snowflake

Oct 2025

Credential ID: S11946-20152095-S0L25

Red Hat Certified System Administrator (RHCSA)

Jul 2025

Credential ID: 250-109-675

EDUCATION

B.Tech in Artificial Intelligence & Data Science

2022 – 2026

Saveetha School of Engineering

Chennai, India