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Top Skills

Make.com

Zapier

n8n

Certifications

Full Stack Web Development

AI for Everyone

'Basics of JavaScript Programming'
Bootcamp

Basics in Python

Rambabu Arabandi

GenAI Engineer | LLM Agents | Multi-agentic & RAG Systems |
Voice AI | Full-Stack Dev | Expo | Hardware Repair | Mobile OS
Customization | Architecture & Startup Restructuring | Automations
(n8n, Zapier, Make.com)

Hyderabad, Telangana, India

Summary

Production-focused GenAI Engineer building AI systems at scale. Specialized in shipping real-time voice agents, LLM tool orchestration, and enterprise RAG pipelines. Recent work: Architected and shipped Zaya, a production voice AI agent handling 500+ daily interactions for US dealership platforms, with multi-tool agentic workflows, conversation memory, and 99%+ reliability under load. Core expertise: LLM integrations and prompt engineering | Agent orchestration and tool calling | Real-time voice AI (STT/TTS/LLM pipelines) | RAG systems and retrieval optimization | Structured outputs and schema validation | Full-stack development (Next.js + FastAPI + LangGraph). Tech stack: Python, TypeScript, LangChain, LangGraph, Vercel AI SDK, FastAPI, Next.js, LiveKit Agents, Supabase, PostgreSQL. Open to: GenAI/AI Engineer roles, founding team opportunities, and challenging problems at the intersection of LLMs and production systems.

Experience

Arohak Inc.

Gen Ai Engineer

March 2026 - Present (4 months)

Hyderabad

Cyepro Solutions

GenAI Engineer (Contract)

July 2025 - February 2026 (8 months)

Hyderabad

Built and shipped Zaya, a production real-time voice agent integrated into a US dealership DMS platform, handling 500+ daily customer interactions end-to-end.

Designed multi-tool agentic workflows with dynamic routing, memory-driven conversations, and structured tool contracts — reducing agent failures by 25%.

Implemented timeout, retry, and safe fallback mechanisms across real-time voice interaction paths, improving system uptime and reliability.

Owned the full integration layer between the voice agent and DMS APIs, including auth flows, webhook handling, and structured data exchange.

Tech: Next.js, Vercel AI SDK, Node.js, FastAPI, Supabase, LangGraph

GENIE AI

AI Engineer

April 2025 - June 2025 (3 months)

Toronto, ON

Built agentic features including dynamic tool routing, function calling, and structured output pipelines.

Implemented streaming UX with fallback strategies, reducing timeout failures by 20%.

Integrated AI systems into core product flows with strong schema validation and graceful error handling.

Order Matic Technologies

Software Development Engineer II

April 2024 - March 2025 (1 year)

Hyderabad

Built and maintained production features across a live restaurant POS system covering billing, CRM, and inventory management.

Improved edge-case handling and system reliability, reducing production defects by 10%.

Contributed full-stack across React frontend and Node.js/Express backend in an agile team.

Gymclan Health & Fitness Services

Software Development Engineer Intern

January 2024 - March 2024 (3 months)

Hyderabad

Built UI screens and backend API flows that shipped to production, gaining hands-on experience across frontend implementation, backend integration, and team-based product delivery.

Education

Bharat Institute of Engineering & Technology

Bachelor of Technology - BTech, Computer Science · (2019 - 2023)