Sai Kiran Kopparthi

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Summary

Results-driven AI Application Developer with deep expertise in Agentic AI, Generative AI, RAG, and LLM solutions. Proven ability to implement innovative automation strategies that significantly reduce client effort, streamline operations, and drive tangible business efficiencies.

Work experience

- **GenAI Solution Engineer** | Accenture Solutions Pvt. Ltd., Bengaluru | Jan 2023 - Present
  - Engineered cutting-edge Agentic AI automation solutions that streamlined client infrastructure operations, significantly boosting team productivity and efficiency.
  - Cultivated strong relationships with senior leadership and key clients, consistently recognized for delivering high-impact technical solutions and driving successful project outcomes.

Projects

- **Handling End-of-Life (EOL) and End-of-Support (EOS)**: Developed intelligent automation using three AI agents that integrated with CMDB to assess cloud infrastructure, providing AI-powered recommendations and insights via email. Ensured compliance and proactive security, reducing manual assessment time by 70%.

- **End-to-End Incident Response**: Designed and implemented two RAG-powered AI agents to autonomously manage end-to-end incident response, from ticket creation to server resolution, adhering to SOPs and integrating with ITSM tools. Reduced human effort and cut MTTR by 90%.

- **Factbot-AI: Multi-agent fact checking engine (Personal Project)**: Developed a multi-agent fact-checking engine leveraging Agentic AI and advanced search to combat misinformation. Provides source authenticity, supporting links, and reasoning for claims in under a minute, empowering users with real-time, verified information.

Skills

- **Agentic AI**: CrewAI, LangChain, LangGraph, Agentic RAG, MCP, A2A Protocol and Google ADK.
- **GenAI and LLMs**: Traditional RAG, Vector Database, Fine-tuning LLMs, OpenAI GPT, Gemini, LLama, OLlama, and Hugging face Transformers.
- **Cloud Providers**: Microsoft Azure and Google Cloud
- **Programming, Data and Scripting** : Python (Flask, Streamlit, FastAPI), Basic SQL, Rivescript. Numpy, Pandas, MongoDB and Excel.
- **Automation Tools**: Rundeck and Ansible.

Education

B.Tech: Information Technology | GMR Institute of Technology | 2018-2022 (Gold-Medal)

Certifications

- Microsoft Certified: AZ-900 Azure Fundamentals
- Microsoft Certified: DP-900 Azure Data Fundamentals
- MongoDB Certified: SI Associate
- MongoDB Certified: SI Architect
- Google Cloud Digital Leader

Achievements

- Consistently recognized by leadership for exceptional client solution delivery.
- Awarded Top Performer for successful completion of GCP Skill Badges.
- Shortlisted among 1000+ for Accenture + Google Cloud Summit; developed key prototype.