Chethan S

srichethan283@gmail.com 6383367510 31 Aug 1999 Indian LinkedIn

PROFILE

- Azure-focused GenAI Engineer specializing in AI validation, adversarial testing, and LLM validation frameworks.
- Builds end-to-end validation systems—APIs, integration workflows, and red-teaming pipelines—translating complex LLM behavior into predictable, testable services.
- Key contributor to GenAI LENS and Agent LENS, delivering threat-visualization, security compliance, and reliable Azure/container deployments.
- Known for technical depth, structured validation assets, and cross-team coordination from design through production readiness.

PROFESSIONAL EXPERIENCE

Capgemini

Apr 2025 – Present, Bangalore, India — *Associate Consultant*

Sep 2022 – Apr 2025, Bengaluru, India — *Senior Analyst*

EDUCATION

Aug 2018 – May 2022, Coimbatore, India

B.E. Robotics and Automation
PSG College of Technology

SKILLS

Programming Proficiencies:
Python, SQL

Generative AI:
Langgraph, CrewAI, Langchain, Agentic AI, RAG, Prompt Engineering

Azure
Virtual Machines, Container Apps, App Service (Web Apps), Redis Cache (Azure Managed Redis), Storage (Blob), Key Vault, Azure Repos

AI/ML:
Machine Learning , Natural Language Processing, Deep Learning.

CERTIFICATES

AI-102
Azure AI Engineer Associate

Databricks
Generative AI Engineer Associate

PROJECTS

Agentic AI Validation Framework
Agentic AI Validation

- Built a framework to analyze Agentic AI application code and map out node-level interactions using the Maestro framework.
- Identified security risks by tracing data flows and detecting unsafe tool calls, logic gaps, and misconfigured agent behaviors.
- Mapped discovered vulnerabilities to OWASP standards to ensure enterprise-grade security alignment.
- Integrated Garak and DeepTeam to run automated red-teaming tests against agent workflows and tool invocations.
- Deployed backend validation endpoints and ensured reliable integration with the UI team's components and workflows.
- Automated threat testing and reporting, generating clear, actionable security validation outputs for engineering.

Generative AI Validation Framework
Chatbot validation

- Designed and developed a GenAI Validation Framework to systematically test generative AI applications for accuracy, reliability, and safety.
- Implemented a positive evaluation pipeline that benchmarks model outputs against ground truth datasets and computes detailed performance metrics such as precision, recall, and semantic similarity.
- Built a negative testing suite covering jailbreak, direct prompt, and roleplay attacks, leveraging standardized adversarial prompts to assess model resilience.
- Automated evaluation workflows to generate comprehensive reports with quantitative metrics, error insights, and risk flags for each model iteration.

AWARDS

Gen Z of the quarter (Capgemini) - Rewards & Recognition Q3 2025

Best Innovation Sales (Capgemini - The Impact Awards) - GenAI LENS Framework 2025 *(Generative AI Validation Framework)*