Hari Narayan Srivatsan

College Station, TX | harinarayan.professional@gmail.com | LinkedIn | Portfolio | Certifications

EDUCATION

Texas A&M University College Station, TX

Master of Science in Management Information Systems [GPA: 3.85/4.00]

May 2026

Key Coursework: Cloud Computing, Product Management, Advanced Systems Design, Advanced Data Management

SASTRA Deemed University

Thanjavur, India

Bachelor of Science in Computer Science

May 2020

EXPERIENCE

Software Engineer Intern

May 2025 - August 2025

Alcon R&D - Product Security

Lake Forest, CA

- Built a full-stack AI-driven Q&A portal serving 300+ internal users with chat interface (RAG) & automated
 questionnaire processing features; saved 10+ hours of manual customer support work per week for the team
- Ideated & designed medical image tamper detection workflow (proof-of-concept) using Hailo AI accelerators; demonstrated and proposed novel ideas to executive leadership for future project investments in edge-AI

Software Engineer (Research Assistant)

September 2024 – May 2025

Department of Marketing – Texas A&M University

College Station, TX

- Drove end-to-end product development & launch of a multilingual Al-powered onboarding portal for instructors at an educational non-profit serving 10000+ students, aiding research on pedagogical training in India
- Achieved 60% reduction in cloud costs by migrated to a serverless architecture and provided timely guidance to
 end-users during a randomized controlled trial (RCT) rollout involving 250+ daily active users across 3 weeks

Software Engineer June 2021 – July 2024

Deloitte US-India (Trustworthy AI)

Chennai, India

- Designed REST API of an LLM guardrails system offered as a cloud service for a US Government client, delivering protection against adversarial AI attacks & content violations for 300+ users across distributed environments
- Improved system's input scanning and output moderation efficiency by 30% each, replacing security scanners with robust system prompts boosting threat detection efficiency by 60%; verified with Python test script results

SKILLS

Programming/Data: Python, TypeScript, C++, SQL, MongoDB, Pinecone, Object Oriented Design, Data Structures
Frameworks: FastAPI, Streamlit, React, LangChain, LangGraph, Retrieval Augmented Generation (RAG)
Cloud/DevOps: Git, Linux, CI/CD, Docker, AWS (Lambda, EC2, CloudFormation, Cognito), Terraform
Product: Agile, Scrum, User Interviews, Persona Mapping, Lucid Chart, Wireframing, Prototyping, Sprint Planning
Certifications: AWS Solutions Architect Associate, Cloud Security Knowledge CCSK, Professional Scrum Product Owner

PROJECTS

• **Competency Tracker:** Customizable web portal deployed at Plymouth State University NH, providing teachers with real-time, data-driven insights on student skills & academic progress through a star-based scoring system

POSITIONS OF RESPONSIBILITY

- President Business Information Technology Students @ TAMU: Partnered with 3 local businesses in College Station TX and sourced candidates for technology transformation & web development volunteering opportunities
- **Co-Founder ACM Student Chapter @ SASTRA University:** Hosted 2 inter-collegiate coding contests; helping students prepare for interviews & grew member count from 3 to 25 in 1 year via campus-wide outreach