

# Srihari Karthik

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## EDUCATION

**Dartmouth College**, Hanover, NH Sept 2025 – Nov 2026  
Masters in Engineering Management (MEM)

**SRM Institute of Technology**, Chennai, India June 2018 – May 2022  
Bachelor of Technology, Computer Science Engineering, **GPA: 3.98/4**

## WORK EXPERIENCE

**Technical Product Consultant** | Biogen AI Design | Deloitte Nov 2024 – Apr 2025

- Optimized user interviews for 15+ **GenAI** use cases at Biogen, uncovering unmet needs and saving ~570 hours.
- Authored PRDs outlining platform, data, and model specs, aligning features to success criteria for faster planning.
- Designed and iterated 100+ GenAI architectures, based on usability feedback, saving \$50K+ via ML suggestions.
- Teamed with engineering to refine product roadmaps/sizing models, **prioritizing** features and cutting ~40% costs.
- Advised on **cloud strategy** and **cost-efficient solutions**, reducing platform spend by 20-25% (~\$500K savings).
- Drove Microsoft 365 Copilot adoption via 3-phase roadmap syncing KPIs to OKRs and training teams on AI tasks.

**Product Owner** | Hackazon CTF | Deloitte Dec 2023 – June 2025

- Owned Deloitte's cyber hackathon product (Hackazon) driving a 5X boost in user engagement across 10+ events.
- **Managed a team of 3+** to develop 50+ Python-based challenges across GenAI, data science, and SQL injection.
- Conducted market research to define **USP** and proposed ad/tier-based monetization, projecting \$100K+ revenue.
- Collaborated with **cross-functional teams** to design **GTM** strategies, defining user onboarding and product flow.
- Boosted challenge production **output by ~65%** via iterative product backlog management via Azure Agile Sprints.
- Prioritized **gamified** challenges by scoping usage metrics and pain points, boosting satisfaction and funds (\$60k).

**Data Analyst** | Kyndryl Implementation | Deloitte Nov 2022 – Nov 2023

- Optimized SQL queries (CTEs, window functions, indexes, partitions), cutting run time by 60% on 10k+ contracts.
- Processed contract datasets with **Pandas/NumPy** to find anomalies for CLM ingestion via Azure Blob Storage.
- Enhanced contract classification ML models (SVM, KNN), helping increase prediction accuracy from 63% to 90%.
- Automated keyword extraction using NLP (TF-IDF, BERT), **reducing processing time** from 6 hours to 2.5 hours.
- Built analytical dashboards/reports using Power BI and Excel, **accelerating executive decision-making** by 35%.

## PROJECTS

**Commercial Health Agent** | AWS Gen AI Chatbot for Healthcare Analytics | Product Owner Nov 2024 – June 2025

- Spearheaded a B2B GenAI healthcare analytics product in an AWS ecosystem to help professionals query drug effectiveness and sales insights, reducing manual analysis by over 95%.
- Scaled from a single agent to a modular multi-agent architecture by isolating tasks across specialized agents for text generation and visualization to reduce hallucinations in outputs by ~40%, backed by \$5K in AWS funding.

**Music Monsoon** | Weather-Based Music Recommendation System | Product Researcher Aug 2024 – Oct 2024

- Researched music listening behavior across 30+ users to identify key user needs and mapped 5+ music genres to common weather moods (e.g., jazz for rainy days), which helped in guiding product design.
- Engineered a web application using Flask running a CNN model to predict song genres and deliver weather-based music recommendations, and demoed MVP to 15+ users to refine the product based on feedback.

**What's Cooking** | GenAI Powered Recipe Generator | Product Designer Oct 2024 – Dec 2024

- Prototyped a recipe-generation app to reduce meal planning fatigue in home cooks, leading to a ~30% drop-in decision-making time based on feedback from 5+ users.
- Programmed an ML-powered system combining XGBoost for cuisine prediction with an accuracy of 80% and a Cohere LLM for recipe generation, streamlining ingredients-to-recipe flow via a Flask based web application.

## SKILLS

Product Skills: Product Roadmapping, GTM, User Research, OKRs & KPIs, Agile, Iteration, Scoping, Prioritization

Technical Skills: Python, SQL, AWS, ETL, Microsoft (Power BI, Copilot), ML, LangChain, RAG, Excel, Azure Boards