Srihari Karthik

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EDUCATION

Dartmouth College, Hanover, NH   Sept 2025 – Nov 2026
Masters in Engineering Management (MEM) - Can Start Internship on 8th June

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

- Led 15+ user interviews to gather needs for GenAI solutions, boosting empathy-driven alignment by ~570 hours.
- Authored PRDs mapping user needs to platform, data, and model features enabling faster architecture planning.
- Designed 100+ healthcare GenAI architectures using Figma, saving $50K+ by recommending ML when needed.
- Created end-to-end product roadmaps and T-shirt sizing models, enabling ~40% cost estimation optimization.
- Advised on cloud strategy and cost-efficient solutions, reducing platform spend by 20-25% (~$500K savings).
- Proposed 3-phase Copilot adoption plan, training teams to integrate AI into workflows via continuous iteration.

Product Owner | Hackazon CTF | Deloitte   Nov 2024 – June 2025

- Owned Deloitte's cyber hackathon product (Hackazon) driving a 5X boost in user engagement across 10+ events.
- Ideated, built and tested 30+ interactive micro products and analyzed user data to measure post launch success.
- Conducted market research to define USP and proposed ad/tier-based monetization, projecting $100K+ revenue.
- Devised GTM strategies for user onboarding and product flow, using insights from A|B Testing and user analytics.
- Boosted challenge production output by 65% via iterative product backlog management with Agile user stories.
- Led gamified education challenges on Hackazon (30k+ users), boosting satisfaction and securing 60k+ funding.

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 raw contract datasets using Pandas and NumPy, collaborating with cross functional global teams.
- Tuned classification ML algorithms (SVM, KNN), integrating stakeholder inputs boosting accuracy (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 listening habits of 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 understanding user delight and 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 Strategy, User Interviews & Research, MVP, A|B Testing, Agile, Iteration

Technical Skills: Python, SQL, AWS (Infrastructure, API, Agentic AI), ETL, Power BI, ML Models, LangChain, RAG, Excel