

Sangya Medhavi Shree Goyal

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EDUCATION

Carnegie Mellon University Master of Science, Engineering and Technology Innovation Management (ETIM) <i>Related Coursework – Strategy Management, Product Management, Operationalizing AI, Data Analytics</i>	December 2025 Pittsburgh, PA
RV College of Engineering Bachelor of Engineering, Information Science <i>Related Coursework – Database Design, Cloud Computing, Computer Networks, Cryptography</i>	July 2024 Bangalore, India

WORK EXPERIENCE

Community Dreams Foundation <i>Executive Project Manager</i>	March 2025 – Present Pittsburgh, PA
<ul style="list-style-type: none">Led end-to-end MVP delivery of Pawtel, an insurance-first pet services booking platform for high-needs pets, managing a cross-functional team across development, QA, security, and marketingOwned full product documentation lifecycle, project charter, PRD, and FRD, resolving 40+ build specification gaps across architecture, security, legal workflows, and provider onboardingDirected technical build on Lovable and Supabase, driving database architecture and security decisions, stakeholder workflow design, and GTM strategy for an underserved \$1.5B+ pet care segment	
Ozonetel Communications Inc. <i>Business Development Intern</i>	Jun 2025 – Aug 2025 Pittsburgh, PA
<ul style="list-style-type: none">Conducted market sizing, ecosystem analysis, and competitive landscape across BFSI, healthcare, and e-commerce, to identify high growth for an agentic AI and voice-bot platformEvaluated 25+ strategic partners, assessing product complementarity, integration feasibility, and strategic alignmentSynthesized insights from 15+ customer and partner discussions and translated them into product workflow improvements, increasing automation efficiency by ~20%Developed structured partner engagement frameworks and outreach plans across 70+ prospects to support GTM efforts	
Deloitte <i>Consultant, Audit & Assurance- IT Audit & Analytics</i>	Jul 2024 – Dec 2024 Bangalore, India
<ul style="list-style-type: none">Led quantitative analysis using SQL to assess IT risk, control effectiveness, and data integrity across enterprise systems, identifying 12+ control gapsBuilt 5 dashboards consolidating 30,000+ data points, translating complex technical findings such as identifying excess privileged access in 3 critical applications, enabling clear visibility for senior stakeholdersSupported SOX testing for 20+ key IT controls, improving documentation accuracy and strengthening clients' preparedness for regulatory review cyclesPartnered with engineering, finance, and IT teams to validate remediation plans and close 10+ high-priority IT control findings	
Webcraft IT <i>Business Analyst (Part-time)</i>	Jun 2022 – Jun 2024 Remote
<ul style="list-style-type: none">Gathered, analyzed, and documented business and functional requirements, translating stakeholder needs into BRDs, FRS documents, wireframes, and process flow diagramsConducted gap analysis and feasibility assessments to evaluate proposed solutions and ensure alignment between business objectives and technical implementationLed User Acceptance Testing (UAT), validated deliverables against defined requirements, and managed change requests while providing post-implementation support	

PROJECTS

Zippy Production and Market Strategy of STEM Toy Robot	Jan 2025 – May 2025
<ul style="list-style-type: none">Led the product lifecycle, from user research to Go-to-Market (GTM) strategy, coordinating cross-functional collaborationConducted market research using conjoint analysis to predict market adoption and identify opportunities for innovative featuresBuilt cost and feature tradeoff models, using the PBCM model, optimizing design parameters, & reducing production costs by ~20%	
MedBot A GenAI-based Chatbot for Healthcare	Jan 2024 – Jun 2024
<ul style="list-style-type: none">Designed and implemented a GenAI medbot using Llama-13B, LLaVA, and Whisper with embedded medical sources to summarize medical reports and analyze user-uploaded images (achieving 95% accuracy)Delivered an intuitive interface with text, PDF, image, and audio query support, improving accessibility and usability for patientsImplemented a ChromaDB semantic retrieval system to ground responses in verified medical knowledge	

SKILLS

Technical Skills – Agentic AI, Machine Learning (PyTorch, TensorFlow), Python, MySQL, Tableau, A/B Testing

Product & Business Skills – Go to Market strategy, Product lifecycle management, Market research, KPI Development, Competitive analysis, Design Thinking, Roadmap Prioritization, Feature Tradeoffs, Agile/ Scrum Collaboration, Stakeholder Communication