

SKAND VIJAY

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EDUCATION

Carnegie Mellon University

Master of Information Systems Management

Expected Graduation, Dec 2025

GPA: 3.85/4.0

Coursework: Artificial Intelligence (Deep Learning), Generative AI Labs, Machine Learning for problem-solving, Data Science for Product Managers, Product Management Essentials, Applied Marketing Strategies, Agile Methods

Vellore Institute of Technology

Bachelor of Technology in Electronics and Communication Engineering

Jul 2018 - May 2022

GPA: 3.96/4.0

PROFESSIONAL EXPERIENCE

Privacy Economics Experiment (PeeX) Lab

Product Management Research Assistant

Jan 2024 - Present

Pittsburgh, PA

- Led **interviews, surveys, and focus groups**, capturing 30% more participants than prior cycles and strengthening competitive analyses for adblocker/anti-tracker usage under Professor [Alessandro Acquisti](#)
- Spearheaded **market research and competitive analysis** on ad-blockers and anti-tracking technologies, identifying tracking gaps and recommending optimizations that improved user tracking accuracy by 40%

Gap Inc

Product Manager

Jun 2022 - Jul 2024

Hyderabad, TG

- Collaborated with cross-functional teams** to design, build, and launch a feature automating journal approver notifications, aligning stakeholders, and reducing backlog accumulation by 95%
- Designed and delivered **30+ SQL-driven business intelligence** reports with compelling data visualizations, transforming complex datasets into actionable insights, enhancing executive decision-making by 25%
- Engaged directly with **20+ global users** to diagnose and resolve Oracle R2R reporting discrepancies, reducing average resolution time by 14% and cutting user escalations by 55%
- Conducted **11+ user interviews** and in-depth research with finance stakeholders, identifying and resolving 3 major inefficiencies, which streamlined financial operations and reducing customer issues by 40%
- Transformed user and business needs into clear product requirements, designing **agile workflows and sprint strategies** for a microservices-based application, reducing backlog churn by 30%, and boosting release velocity by 20%
- Developed and deployed SQL-based performance dashboards** for Oracle Fusion Cloud, providing real-time monitoring of system changes, automating stakeholder reporting, and cutting issue resolution time by 67%

PROJECTS

CMU, Heinz College – Data Science for Product Manager

Jan 2024 – Present

Customer Lifetime Value (CLV) Analysis using Machine Learning

- Conducted comprehensive **data cleaning** and **exploratory data analysis (EDA)** on 8,000+ transaction records, identifying and resolving 100+ missing values and 15+ outliers to ensure data integrity
- Applied ML-driven segmentation to predict high-value customer retention, achieving 92% model accuracy and driving 15% growth in retention strategies

CMU, School of Computer Science – Intro to Deep Learning (PhD Level)

Oct 2024 – Dec 2024

Sketch AI – Convert hand-drawn Sketches to Professional Product Images

- Designed a **multi-stage AI pipeline** leveraging diffusion models to transform sketches into high-resolution product visuals
- Enhanced task-specific performance by fine-tuning custom LLMs, achieving an **85% approval rate** for market ready images
- Launched a **cloud-based deployment** on Google Cloud (GCP), ensuring seamless scalability and reducing image processing latency by 30%

SKILLS

Technical Skills: Python, Git, RESTful APIs, Jenkins, Google Cloud Platform (GCP), AWS (S3 Bucket, LightSail, SageMaker)

Analytics & Data: SQL (MySQL, PostgreSQL, Oracle SQL), Data Visualization (Matplotlib, Seaborn), ETL, EDA

Product Management: JIRA, Confluence, Agile (Scrum & Kanban)

AI and ML: Generative AI, Large Language Models (LLMs), AI Product Development, AI-Powered Insights & Automation

LEADERSHIP & ACHIEVEMENTS

Vice President: Analytics Club, Carnegie Mellon University

Awards: Dean's List Candidate, CMU Fall 2024