Jashank Desai

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AI PRODUCT MANAGER | AI PROJECT MANAGER

AI product and project professional with hands-on experience delivering AI-driven solutions across marketplace platforms, automation workflows, analytics systems, computer vision, and research-led innovation. Strong background in cross-functional collaboration, stakeholder management, requirements translation, experimentation, and data-backed decision-making. Combines technical depth in AI/ML with product execution, delivery ownership, and operational problem-solving to build scalable, user-focused solutions.

CORE COMPETENCIES

AI Product Strategy • Product Roadmapping • Agile & Scrum • Stakeholder Management • Cross-Functional Collaboration • Requirements Gathering • Sprint Planning • Backlog Prioritization • Product Analytics • KPI Tracking • Experimentation • Dashboarding • Data-Driven Decision Making • Risk Analysis • Automation Strategy • Process Improvement • Technical Documentation • Delivery Management

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PROFESSIONAL EXPERIENCE

AI/ML Engineer Intern

Holiday Channel, USA | Aug 2025 – Present

- Contributed to the development of an AI-enabled holiday marketplace platform, supporting product workflows for listings, search, and smart discovery across rentals, activities, and services.
- Helped shape AI-driven feature implementation for smart product listing capabilities, including recommendations for titles, tags, pricing, and descriptions to improve seller onboarding and buyer match quality.
- Worked across technical and business requirements to translate marketplace needs into scalable product functionality and delivery priorities.
- Supported production readiness by implementing backend service components across APIs and database layers using PostgreSQL and MongoDB, with focus on reliability, logging, auditability, and observability.
- Contributed to platform scalability and user experience optimization by aligning AI functionality with operational and business goals.

Freelancer | AI Prompt Engineer & AI/ML Consultant

Self-Employed | Jun 2024 – Present

- Delivered AI and analytics solutions by translating business problems into practical product, automation, and data workflows.
- Developed machine learning solutions for path planning and real-time inference in autonomous and intelligent system use cases.
- Built end-to-end ETL pipelines using Python, Pandas, and SQL to improve data movement, cleansing, and analytics readiness.
- Designed KPI and risk-monitoring dashboards using MySQL and Power BI to support business visibility and decision-making.
- Partnered with cross-functional teams to deliver customized AI and software solutions for business-critical operations.
- Built and fine-tuned deep learning solutions for computer vision applications, supporting prototype development and applied use cases.

Research Intern

Space Applications Centre (SAC), ISRO, Ahmedabad | Feb 2024 – Jun 2024

- Contributed to research and development of AI-based image enhancement solutions for SAR imagery using diffusion-based methods.
- Led experimentation and performance analysis for model efficiency and image processing quality in remote sensing workflows.
- Conducted GPU acceleration studies for deep learning and image processing applications to improve computational performance.

- Supported research translation from technical concept to publication, resulting in IEEE research output in high-performance AI applications for remote sensing.
- Built expertise in performance-oriented deep learning with practical understanding of CPU and GPU architecture considerations.

Associate Analyst

CloudLabs Inc, India | Sep 2022 – May 2024

- Supported enterprise automation initiatives by translating business and IT requirements into scalable testing and execution workflows.
- Automated SAP regression testing using Worksoft Certify and TOSCA to improve reliability and efficiency in testing operations.
- Developed interactive dashboards and performance reports in Power BI to support leadership visibility and operational decision-making.
- Built Python-based automation scripts for SAP HANA data extraction and test data preparation, reducing manual effort.
- Created a reusable modular testing framework that reduced manual validation overhead by 40%.
- Contributed to analyst onboarding and team enablement by training new hires in AI-driven software testing processes.
- Collaborated with cross-functional stakeholders to improve process quality, execution clarity, and delivery consistency.

AI PRODUCT & SIMULATION PROJECTS

DFW Night Shift | AI-Powered Local Discovery Product

- Built DFW Night Shift as a local discovery product concept focused on helping users identify nightlife, weekend plans, and social activity options in the Dallas-Fort Worth area.
- Used Google AI Studio to shape the product concept, content flow, and AI-assisted experience design for user engagement and personalized discovery.
- Framed the solution around user intent, local exploration, and decision support, demonstrating product thinking across audience need, experience design, and feature direction.

Link N Date | Dating and Social Connection App

- Created Link N Date as a relationship and social connection app concept focused on user matching, engagement, and interaction-driven discovery.
- Defined the product idea around user journey, engagement logic, and AI-supported personalization opportunities for improved match quality and platform experience.
- Positioned the concept as a consumer AI-enabled product with strong relevance to recommendation systems, user behavior analysis, and feature prioritization.

AI Feature Prioritization Dashboard

- Built a product decision-support dashboard that analyzed customer reviews, clustered pain points, and ranked feature requests by impact, effort, and business value.
- Simulated roadmap planning and product prioritization using structured feedback signals and analytics workflows.
- Strengthened product management positioning through applied work in prioritization frameworks, data-backed planning, and feature strategy.

AI Project Delivery Intelligence Dashboard

- Built a predictive delivery dashboard using sprint and project data to track team velocity, blocker trends, scope risk, and execution bottlenecks.
- Simulated project management analytics for AI and software teams using workflow data and delivery performance metrics.
- Demonstrated readiness for AI project management roles through ownership of execution visibility, reporting logic, and delivery intelligence.

Computer Vision Quality Inspection System

- Designed a defect detection workflow using computer vision models and evaluation metrics such as precision, recall, and F1-score.

- Integrated model output with a human-review workflow to simulate a production quality inspection system.
- Showcased applied AI product thinking through workflow design, model evaluation, and operational use-case alignment.

EDUCATION

Master of Science in Information Technology & Management
Dallas Baptist University, Dallas, TX
Aug 2025 – May 2027
Master of Science in Artificial Intelligence
AURO University, Gujarat, India
2022 – 2024
CGPA: 9.04 | Gold Medalist
Bachelor of Technology in Aeronautical Engineering
Parul University, Gujarat, India
2015 – 2019
CGPA: 6.51 | First Class

CERTIFICATIONS

- SAP Automation & Testing Certification
- Advanced MySQL Data Analysis
- Fine-Tuning for LLMs: Beginner to Advanced
- Career Essentials in Project Management by Microsoft and LinkedIn

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TECHNICAL & PRODUCT SKILLS

Product / Project Management:
Product Strategy, Product Roadmapping, Agile, Scrum, Jira, Trello, Stakeholder Management, Sprint Planning, Backlog Prioritization, Requirements Gathering, KPI Tracking, Project Management, Risk Management, Cross-Functional Coordination

AI / Machine Learning:
Deep Learning, Computer Vision, Diffusion Models, Transformers, Vision Transformers, Autoencoders, GANs, CNNs, RNNs, Prompt Tuning, LLM Optimization, Chatbot Development, Multilingual NLP, GPU Acceleration, Mixed Precision Training, SAR Image Super-Resolution

Data / Analytics:
SQL, MySQL, MongoDB, PostgreSQL, Power BI, Tableau, Excel, Statistical Modeling, Time Series Analysis, Data Cleaning, Data Wrangling, Data Mapping, Pandas, NumPy, PySpark

Tools / Platforms:
GitHub, Jupyter Notebook, VS Code, PyCharm, SAP, Worksoft Certify, TOSCA, Matplotlib, SciPy, MS Office, Google AI Studio