

VENKATA SAI CHANDRADEEP TELAPROLU

Technical Product Manager | AI Systems | Data Platforms

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Technical Skills: Python · SQL · PySpark · REST APIs · Amazon Redshift · Apache Airflow · LLM Tool-Calling (Gemini API) · RBAC/IAM Frameworks · Telemetry · Workflow Orchestration

SUMMARY

Technical Product Manager with 5+ years of experience scaling multi-tenant enterprise platforms, cloud-native data infrastructure, and AI-driven products. Track record of leading cross-functional teams to deliver zero-to-one solutions, cut processing latency by up to 90%, and drive adoption across 180+ enterprise accounts. Hands-on across LLM orchestration, data engineering, and decoupled workflow architectures.

CORE COMPETENCIES

Platform Engineering: Multi-Tenant Architecture, API Contract Design, Workflow Orchestration, RBAC/IAM Frameworks

AI Systems Design: Agentic AI Workflows, LLM Tool-Calling, Retrieval-Augmented Generation (RAG)

Data & Growth Analytics: Funnel Telemetry, A/B Testing, Data Pipeline Engineering

PROFESSIONAL EXPERIENCE

JPMorgan Chase & Co. | Technical Product Manager, Enterprise Platforms

Apr 2024 – Present

Lead product strategy for a multi-tenant onboarding system serving 180+ enterprise accounts across 15 payment integrations.

- Scaled the platform from 45 to 180+ enterprise accounts across 15 payment rails (Wires, ACH, RTP) by directing a cross-functional squad of 18 engineers and 4 consultants.
- Cut engineering support tickets 80% by shipping a generative AI authoring tool from concept to production, enabling non-engineers to manage complex configuration changes directly.
- Reduced processing latency from 72 hours to under 1 hour and cut network error rates 90% by redesigning core platform APIs and validation logic.
- Eliminated redundant engineering work across 68 distributed teams by architecting a unified, reusable schema layer and dynamic workflow routing logic (“publish once, reuse everywhere”).
- Secured engineering headcount across three consecutive release cycles by driving adoption among 1,500+ platform users through structured rollout planning, A/B experimentation, and quarterly executive roadmap presentations.

JPMorgan Chase & Co. | Technical Product Manager, Data Platforms

Aug 2022 – Mar 2024

Defined vision and execution for a governed, cloud-native data platform replacing fragmented manual reporting.

- Drove a 35% increase in daily active usage by pivoting the roadmap to prioritize data reliability after telemetry identified trust as the primary adoption blocker.
- Established an enterprise single-source-of-truth by architecting a scalable, event-driven data pipeline ingesting multi-tenant banking records into Amazon Redshift.
- Standardized company-wide governance by designing a multi-tenant RBAC/IAM and row-level security framework, later adopted by two additional platform teams.
- Translated requirements from 10+ sales leaders and data science stakeholders into technical specs covering data ingestion, modeling, and access control.

Yum! Brands | Product Manager, Digital Experience

Oct 2021 – Jun 2022

Owned the checkout experience for KFC, Pizza Hut, and Taco Bell's digital ordering platforms, supporting 50M+ annual transactions.

- Cut Mean Time to Detection (MTTD) for payment gateway anomalies 85% by building a real-time analytics diagnostics dashboard with core engineering squads.
- Reduced checkout abandonment and informed the engineering release roadmap by running systematic A/B tests on error handling and retry logic.
- Isolated payment gateway latency vectors across 50M+ annual runs by instrumenting end-to-end funnel telemetry across web and mobile.

Reliance Jio | **Data & Analytics Engineer, JioFiber Launch**

Jun 2020 – Oct 2021

- Cut reporting time 30% for regional sales teams by building predictive lead-scoring models and automated ETL pipelines (SQL, PySpark, Airflow).
- Moved 100+ city launch teams from spreadsheets to standardized reporting by designing KPI scorecards tracking onboarding, plan upgrades, and activation rates across a 1,600+ town rollout.
- Identified higher-potential markets by analyzing early registration and free-trial conversion data, giving regional managers a clearer basis for sales prioritization.
- Improved local launch decisions by translating broadband usage and bundled-service adoption data into recommendations with sales, network operations, and product teams.

Dell Technologies | **Business Development Intern**

Jan 2019 – Jan 2020

- Improved CRM stage hygiene and forecast accuracy by supporting TAM/SAM sizing and territory planning, building weekly pipeline views in Excel and Power BI.
- Strengthened sales messaging by producing win/loss analyses, battlecards, and ROI inputs for the regional sales team.

TECHNICAL INNOVATION & AI R&D

Feedback-to-Backlog AI Copilot

June 2026 – Present

- Cut manual triage effort by architecting an AI-powered pipeline that extracts, deduplicates, and prioritizes customer signals using a hybrid fuzzy/semantic matching engine and an explainable RICE scoring model, syncing directly to Jira via REST API.
- Replaced assumed quality targets with defensible metrics by building a labeled 40-ticket evaluation harness benchmarking LLM extraction accuracy and deduplication precision/recall.
- Shipped a production-style Streamlit dashboard with real-time priority trend tracking, bulk Jira sync with isolated failure handling, and transparent AI guardrails built for zero silent failures.

ApexApply — Autonomous AI Agent Platform

2026 – Present

- Designed and launched an autonomous web agent (Python, Gemini API) that analyzes dynamic interfaces, classifies UI elements, and independently executes multi-step workflows.
- Enabled context retention across long-running workflows by engineering a persistent memory architecture mirroring production-grade agentic system design.
- Built a complete four-module system architecture — including logging, state management, and a review dashboard — to track agent performance end-to-end.

EDUCATION

MS, Business Analytics • University of Louisville

B.Tech, Computer Science • Bharath University