

Himakar Yanamandra

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SUMMARY

Senior Product Manager with 6+ years shipping AI/ML products across FinTech and B2B SaaS, including LLMs, RAG pipelines, real-time ML serving, and large-scale data infrastructure. 3 peer-reviewed research publications in NLP and AI.

SKILLS

Skills: Product Strategy, 0-to-1 Product Development, Roadmap Ownership, Cross-Functional Leadership, Executive Presentations, Onboarding & Growth, A/B Testing, PRDs, Go-to-Market, Prompt Engineering, Model Evaluation & Monitoring
ML/AI: LLMs, Conversational AI, RAG, NLP/NLU, Machine Translation, Real-Time Serving, Anomaly Detection, Computer Vision,
Cloud/Infra: AWS (SageMaker, EC2, S3), GCP (Vertex AI, BigQuery), Azure, Snowflake, PostgreSQL, MongoDB, Docker, Airflow
Data/Tools: Python, SQL, TensorFlow, PyTorch, Pandas, NumPy, Tableau, Power BI, Mixpanel, GA4, Figma, Jira, Confluence

WORK EXPERIENCE

PROJECTS YARD AI

Founding Product Manager

San Francisco, CA

Jan 2026 – Present

- Led 0-to-1 product development from conception to launch, defining roadmap and requirements before leading a team of 6 engineers to ship an AI-powered portfolio platform, with hands-on technical oversight across Next.js, Prisma, and AWS/GCP.
- Drove product discovery through user interviews and iterative UX testing, then built a RAG pipeline using embedding models and vector search to reduce portfolio creation time from 2 hours to 15 minutes.

HONDA RESEARCH INSTITUTE

Senior Product Manager

San Francisco, CA

Aug 2025 – Dec 2025

- Designed and launched a multi-agent conversational AI system using LLMs and RAG to automate trend research across unstructured sources, reducing manual analysis time by 30% and delivering ranked insights with concise executive summaries.
- Built model evaluation framework with precision, relevance, and latency metrics, implementing human-in-the-loop feedback loops to improve model accuracy and reliability.

ASWARTHA TECHNICAL SERVICES

Senior Product Manager

Remote

Jan 2024 – Dec 2024

- Designed and deployed a centralized B2B SaaS data lake on AWS (S3, Glue, Lambda) across multiple regions, enabling centralized multi-source data collection and validation for ML pipelines, reducing downtime by 15%.
- Built end-to-end ML pipelines with workflow automation for predictive analytics dashboards: feature engineering, model training, and real-time inference on AWS SageMaker with automated model monitoring.

CREDIT SAISON

Senior Machine Learning Engineer

Remote

Dec 2022 – Dec 2023

- Built an alternative credit scoring system using ensemble ML models on behavioral proxy data, unlocking credit access for 100K+ underserved businesses and driving \$500M+ in disbursements, with full audit trail and compliance controls for RBI regulatory requirements.
- Launched a multi-modal ML decisioning service for real-time fraud and credit risk scoring with automated traceability across 1.2M active loans (\$1.2B AUM), improving approval turnaround by 4x on AWS and Snowflake.
- Shipped 7 B2B lending integrations (Amazon, Booking.com, SoftBank) aligning product, engineering, data science, and client teams on API contracts, data validation frameworks, and model thresholds, generating \$25M in revenue.

MICRON

Software Development Engineer-II

Remote

Jul 2021 – Nov 2022

- Deployed clustering and anomaly detection models on high-volume semiconductor test data to identify failure signatures, reducing debug cycle time by 18% across cross-functional teams.

LANGUAGE TECHNOLOGIES RESEARCH CENTRE, IIT-H

Machine Learning Engineer

Remote

Jan 2018 – Jun 2021

- Built transformer-based models (BERT, seq2seq) for text classification and multilingual translation across Indian languages.
- Developed data pipelines for large-scale corpus processing, built benchmark evaluation frameworks, and automated dataset annotation workflows across 25 medical NLP datasets, authoring 3 peer-reviewed papers (EMNLP 2019, ECIR 2020, RANLP).

EDUCATION

CARNEGIE MELLON UNIVERSITY

Master of Science, Product Management

Pittsburgh, PA

Jan 2025 - Dec 2025

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, HYDERABAD

Master of Science, Computational Linguistics and Computer Science

Jul 2019 - Jul 2022

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, HYDERABAD

Bachelor of Technology (B. Tech), Computer Science and Engineering

Jul 2015 - Jul 2019

RESEARCH PUBLICATIONS

Research Publications: 3 peer-reviewed NLP/AI academic publications (EMNLP 2019, ECIR 2020, RANLP 2021)

- **Smokeng: Towards Fine-Grained Classification of Tobacco-Related Social Media Text**
- **Smokpro: Towards Tobacco Product Identification in Social Media Text**
- **Towards Sentiment Analysis of Tobacco Products' Usage in Social Media**

W-NUT, EMNLP 2019
SIIRH Workshop, ECIR 2020
RANLP 2021