DHRUV KANT LADIA

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PROFESSIONAL SUMMARY

Highly adaptable results-driven Applied AI Engineer with hands-on experience in **Multimodal Agentic AI** implementation and end-to-end data-driven product management. I have a knack for deep research, analytics, rapid iteration, and MVP development.

SKILLS

Product Management: Root Cause Analysis, Analytics, Product Roadmap & Strategy, User Research & Competitive Analysis, PRD, User Stories, A/B Testing, Wireframing
AI/ML: LLM Fine-tuning & Evaluation, LLMOps, Conversational AI, NLP, Agentic AI
Technical: Python, LangChain, SQL, MATLAB, MongoDB, AWS, GCP
Analytics & Tools: Mixpanel, Google Analytics, MS Excel, Miro, Motion, Trello, Aha!

WORK EXPERIENCE

FUTR Studios (Early stage)**, *Founding AI Engineer & Associate Product Manager***   **Aug 2024 - Present**
- Deployed a **conversational AI** product built from scratch using Deepseek models and open-source fine-tuned LLMs, integrated with **SOTA agentic frameworks**, resulting in cost control per LLM API call and a **breakthrough second MVP that achieved 10x converted user growth all within 45 days**
- Orchestrated cross-functional collaboration across engineering, design, and executive teams, to implement robust analytics in Mixpanel, UI, features, and technical architecture for the investors' pitch deck, **resulting in the influx of angel investment**
- Owned end-to-end product lifecycle in an early-stage startup environment - from ideation, documentation & analytics to strategic execution and quality improvement, under the **direct supervision of the founders and key stakeholders**

Simplilearn (Growth stage), *Product Intern - Data & AI Team*   **Jan - Jul 2024**
- **Enhanced user engagement by 25%** through data-driven product iterations, leveraging Google Analytics to track user behaviour and identify improvement areas
- Conducted competitive benchmarking to identify industry trends, refine product positioning, and drive strategic decision-making for the launch of a Gen AI-based product, resulting in an **increase in sales to 170%**

FUTR Studios (Early stage), *Machine Learning Engineer*   **Sept - Dec 2023**
- Developed and deployed context-based conversational AI, leveraging open-source LLMs

Ganesham Securities, *Data Analyst Intern*   **May - Jul 2022**
- Applied machine learning algorithms to historic trading data to develop predictive models, resulting in profitable trade strategies by predicting buy price, stop loss, safe sell price and target price.

Penning Down Success, *Co-Founder*   **Apr 2020 - Feb 2021**
- Spearheaded social media campaigns for podcast interviews, increasing engagement metrics by 50% and expanding audience reach through strategic partnerships with over 12 artists
- Conducted artist outreach and engaging interviews, resulting in a 40% increase in viewership, demonstrating strong audience development skills

PROJECT WORK

Real Estate Agent w/ Multimedia (Chat) | project link | deployed
- Designed and deployed an AI-powered real estate chatbot leveraging RAG, enabling users to receive personalized, context-aware property recommendations through natural language conversations
- Engineered an end-to-end data pipeline for automated web scraping, data structuring, and integration with conversational AI, demonstrating expertise in applying machine learning and NLP techniques to solve real-estate agentic automation

Real Estate Agent (Voice) | project link | deployed
- Developed and deployed an AI-powered real estate voice assistant, leveraging advanced natural language processing (NLP) techniques to enable seamless, conversational property searches and client interactions

Suicidal Tendency Detection & Prevention Chatbot | project link
- Implemented safeguards to prevent misuse for malicious purposes and conducted A/B testing to achieve 97% accuracy in identifying potentially harmful text, ensuring user safety, and promoting responsible AI development
- Built an AI chatbot using CNN, LSTM, and Transformer models on top of vector embeddings with a custom response retrieval system using Microsoft Dialo-GPT

EDUCATION

SRM Institute of Science & Technology, Chennai
B.Tech, Computer Science Engineering