

RAM KADIYALA

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EDUCATION

M.S., Machine Learning,	University of Maryland, College Park, US	2022 - 2024
Certificate, Data Science,	University of Maryland, College Park, US	2022 - 2023
B.Tech., Computer Science,	RVR & JC College of Engineering, IN	2018 - 2022

SKILLS

AI / ML	PyTorch, Transformers, Hugging Face, fine-tuning (LoRA, SFT, DPO, GRPO, RLHF, ..), classical ML, Time series, NumPy, Pandas
Agent Frameworks	Strands, Google ADK, MCP, A2A, LangChain, LangGraph
RAG & Memory	Semantic search, Multimodal embeddings, FAISS, Memory Compression, Re-ranking
Cloud / LLMOps	AWS, GCP, Docker, WandB, Guardrails, Observability, Governance, Compliance
Web & Frontend	Three.js, FastAPI, Gradio, Streamlit, React.js, Node.js

EXPERIENCE

AI Solution Architect **Nov 2025 – Present**
Aivar *Bangalore, IN*

Leading solution design and delivery of agentic and LLM-based systems for enterprise clients across India, US, and the Middle East on AWS spanning various domains. Building accelerators for agentic use cases around compliance, governance and guardrails with high-demand forecast.

Open Science Community Lead **May 2025 – Present**
Cohere Labs *Remote*

Leading open-science research across LLM post-training and agentic systems, securing 50K+ USD in compute grants, mentoring early-career researchers with 12+ papers published at Tier 1 venues such as ACL, EMNLP, and NeurIPS, and providing GTM input and feedback on new model releases.

NLP Research Lead **Sep 2023 – Aug 2025**
Traversaal.ai *San Francisco, US*

Delivered production agentic systems for Fortune 500 clients across route optimization, enterprise workflow automation, and semantic search. Led research on multilingual LLMs and agentic evals and benchmarks. Contributed to the “Building and Scaling AI Solutions” course curriculum at Stanford Continuing Studies.

Founder **Nov 2018 – Apr 2022**
Black Ops Esports *Hyderabad, IN*

Founded and scaled a mobile esports organization with competitive teams, a regional creator network monetized through advertiser partnerships, and data-driven game-progression forecasting models to simulate match dynamics and optimize competitive strategies – grown to 56K Instagram and 18K Discord with zero ad spend.

CERTIFICATIONS

AWS Certified Machine Learning - Specialty (MLS-C01)	Certificate	Valid till Mar 2029
NVIDIA Accelerated Computing with CUDA	Certificate	Valid till Apr 2027

INVITED TALKS

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- Ontario Tech University** *June 2026*
Invited talk on ongoing research in Agentic AI, evals, and benchmarking.
 - Cohere Labs Summer School** *August 2026*
Invited talk on Agents 101, industry trends, potential research directions.