CHINMAYA KUMAR JENA

Sr. Director - Tredence Inc. | Enterprise AI Architect | Agentic AI & Platform Leadership | Bengaluru, India

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EXECUTIVE SUMMARY

Strategic AI Enterprise Architect and Engineering Leader with around 15 years of experience driving enterprise-scale AI product engineering & platform modernization, data platform transformation, and GenAI adoption. Specialist in designing and operationalizing agentic AI ecosystems (multi-agent workflows, LangGraph/LangChain orchestration, and human-in-the-loop governance) that extend beyond automation into reasoning, decision support, and adaptive learning. Builder-first leader who stays hands-on in architecture and execution - including real-time streaming and auction/bidding decision systems. Proven record translating research/experimentation into production-grade platforms with measurable revenue impact and large-scale stakeholder influence.

CORE CAPABILITIES

- Leadership: team building, roadmap ownership, Thought leadership, C-level communication, GTM/PoC leadership
- Agentic AI design: multi-agent workflows, tool-use, planning, and orchestration (LangGraph, LangChain, MCP), VectorDB, RAG/GraphRAG
- LLM engineering: prompt authoring, GEPA, finetuning, evaluation (SQL EVAL), guardrails, HITL governance, CodeAct Sandbox
- Full-stack AI Product engineering: Python, JavaScript/TypeScript, Basics of Rust & GoLang, Java, React, Next.js, Node.js, GraphQL. gRPC, Redis, Kafka, RabbitMQ, Celery, SQL/NoSQL DB/GraphDB
- Real-time systems: event-driven, streaming (SSE), latency-aware APIs, p95/p99 tuning, observability/SLOs
- Data/Cloud ecosystems: Azure, AWS, GCP (basics), Databricks, Snowflake(basics)
- MLOps/LLMOps: CI/CD, Docker, Kubernetes, observability, secure deployment patterns
- Enterprise architecture: modular platform design, API-first microservices, security-minded patterns
- AI-led process reinvention: redesigning complex workflows for measurable outcomes
- Domain exposure: logistics and supply chain, B2B marketing automation, retail e-commerce, and enterprise data/AI platform transformation.

SELECTED IMPACT

- Built and scaled the enterprise-grade Deep Research Agentic AI analytics platform - Milkyway by Tredence.
- Architected a repeatable AI-powered solutioning framework (automated proposal generation, effort estimation, reference architectures, delivery accelerators) to scale Digital Engineering presales.
- Generated around $10M revenue impact through scalable AI-augmented solution engineering and deal support (RFPs, architecture, delivery plans, value case).
- Ideated, architected, and led development of atom.ai influencing valuation for Series-B funding of Tredence.
- Developed and commercialized the Cloudi observability platform and a Databricks Unity Catalog-based accelerator generating around $4M+ in annual revenue.
- Designed a real-time DOOH auction/bidding system (stealth side project), focusing on low-latency decisioning and auditable event trails.
- Architected Big Data Platform Automation in Maersk enabling single-click provisioning and onboarding 15+ supply chain applications thereby replacing Palantir ecosystem and saving ~$30M.

PROFESSIONAL EXPERIENCE

Sr. Director | Digital Engg. Practice Leadership | Innovation Studio | Tredence Inc. | Sep 2021 - Present

- Own enterprise GenAI and agentic AI platform strategy, design scalable architectures with orchestration, evaluation, and governance for production delivery.
- Architected and built a high-performance team delivering MilkyWay – A Multi-agentic deep research system.
- Led end-to-end development of atom.ai, Cloudi observability into enterprise-grade offering
- Delivered customer-facing GenAI solutions (Knowledge Bot, LLMBI, Platform) and enabled GTM through demos, PoCs, and executive storytelling ($3M new business).

- Built Databricks Unity Catalog-based accelerators to reduce modernization friction and drive $2M revenue.
- Collaborated with Microsoft and LinkedIn data scientists to build Feathr feature store used in production ML pipelines.

Senior Platform Architect | Full Stack, Azure Data Platform | Maersk | Mar 2019 - Sep 2021

- Architected and developed Maestro, a Big Data Platform Automation product enabling single-click cloud infrastructure and pipeline provisioning, saved ~$30M.
- Designed an end-to-end journey from raw data ingestion to reporting (Embedded PowerBI), improving engineer productivity and delivery consistency.
- Owned product backlog and led an agile team, partnered across engineering, data, and platform stakeholders to deliver releases reliably.
- Tech: React/Redux, Java/Spring Boot, microservices, Docker, Azure Databricks/Spark, GraphQL, Citus, Azure DevOps.

Consultant | Full Stack Lead, Marketo Product Development | GlobalLogic India | 2018 - 2019

- Core member for the India team setup for Marketo product development, built and mentored an 18-member team with US Team collaboration.
- Delivered features for a leading B2B marketing automation platform, focusing on scalable front-end experiences and backend microservices.
- Tech: React/Redux, Jest, Java/Spring Boot, microservices, Docker.

Senior Software Engineer | Software Library Management (IST) | NagraVision India | 2016 - 2018

- Built Integrated Support Tool (IST), a central repository for internal software packages with API endpoints and deployment workflows.
- Led requirements, application design, full-stack development, acceptance testing, and production deployment, delivered PDF reporting tool using IST services.
- Tech: Core Java, HTML/CSS, WebObjects, React/Redux, AngularJS.

Software Engineer | e-Commerce, Supply Chain Analytics | RedMart India | 2015 - 2016

- Developed warehouse real-time dashboards (pick rate, fulfillment rate) using microservice architecture, owned full-stack delivery.
- Designed applications using AngularJS, Java/Play, MongoDB, and AWS, guided IoT device initiative for early detection of rotten fruits.

Earlier Career: Lead Technical Consultant - Promantia Global Consulting (2013-2014), Systems Engineer - Tata Consultancy Services (2008-2010).

Career Break: 2010-2013 - Prepared for UPSC (Public Administration, Psychology), strengthened structured problem-solving and leadership foundations.

EDUCATION

Doctorate in Business Administration (In Progress)	ESGCI, Paris - Applied AI
M.S. (Machine Learning & AI), 2021	Liverpool John Moores University, UK
B. Tech (Mechanical Engineering), 2008	VSSUT, Burla, Odisha

SPEAKING & THOUGHT LEADERSHIP

- Tech talk on “Embedding is all you need” at Cypher (Analytics India Magazine)
- Published insights on Generative AI security.
- Engaged in VC-level product pitches (Yobulk - YC inbound) and enterprise stakeholder presentations for GenAI platforms.