

Himanshu Sharma

ASSOCIATE CONSULTANT & LEAD SPECIALIST · AI SYSTEMS ARCHITECT · FOUNDER

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· linkedin.com/in/himanshusharma08368895811 · thekpihub.com · github.com/hsharmagxi-debug/aetherAI

A seasoned cloud and AI systems architect with **10+ years** of experience spanning AWS broadcast infrastructure, satellite communications, enterprise AI automation, and SaaS product development. Currently building **The KPI Hub** — a decision-grade intelligence platform with a 95%-automated AI content pipeline — and architecting **AetherAI**, an on-premise air-gapped enterprise AI suite pitched to C-suite at Globalxperts. Proven record of leading teams of 8-10 engineers, managing enterprise clients (NHL Media, Government of India, Banking, Aviation, Maritime), and shipping full-stack products from architecture to deployment. Selected candidate — VibeCon 2025, India's Top 300 Builders (YC × Anthropic × Lightspeed × Razorpay).

10+

YEARS EXP.

2

LIVE PRODUCTS

95%

AI AUTOMATED

30K+

VSAT MIGRATED

9

AI USE CASES

10

ENGINEERS LED

INDEPENDENT VENTURES

Founder & Product Architect

The KPI Hub · thekpihub.com

2024 — Present

Live **SaaS** · **AI-Powered**

- Founded and built a decision-grade SaaS intelligence platform solo — full stack, from zero.
- Architected 5-engine autonomous AI pipeline: Harvest → Synthesize → Verify → Stage → Deliver — 95% automated via Python, cron, LLM APIs, SerpAPI, WordPress REST API.
- Full product deployment: dark navy+gold design system, CI/CD on Hostinger, SSL, Google Workspace (info@thekpihub.com) with DKIM, SPF, DMARC email authentication active.
- Built Telegram-bot manual publish override for editorial control without breaking automation.
- Designed 6 monetization streams: programmatic SEO, HubSpot affiliate, ConvertKit/Beehiiv gated content, display ads, sponsored content.
- Built PolyMind — multi-LLM interface supporting OpenAI, Anthropic, Gemini, Mistral & Groq with real-time cost tracking, streaming (React + TypeScript + Vite + Supabase + Docker).

AI Systems Architect (Internal Venture)

AetherAI · Globalxperts · github.com/hsharmagxi-debug/aetherAI

2024 — Present

On-Premise · **Air-Gapped** **CTO Pitch**

- Conceived & architected on-premise, air-gapped enterprise AI suite — zero external data exposure.
- Prepared boardroom-grade 11-slide deck covering 9 departmental AI use cases with 90-day phased implementation roadmap — pitched to CTO.
- Stack: Ollama, LangChain, AutoGen, ChromaDB, Docker, Python — all production-proven.

PROFESSIONAL EXPERIENCE

Lead Technical Specialist

GXI Networks Pvt. Ltd (Globalxperts) · Noida, Sector 132

May 2023 — Present

AWS · **Cloud** · **DevOps**

- Managing AWS cloud infrastructure for NHL Media Live using AWS Elemental MediaLive and MediaConnect for live sports broadcast content transport at scale.
- Monitoring & resolving production alarms via Datadog and CloudWatch; L3/L4 escalation support for enterprise clients including Presidio.
- Multi-client cloud infrastructure, DevOps tooling, POC engagements for enterprise onboarding across AWS services.

Team Leader — Cloud & Satellite Operations

KMG Tech Solutions Pvt. Ltd · Gurgaon

November 2018 — April 2023

Team Lead · **8-10 Engineers** **AWS** · **VSAT**

- Designed & deployed AWS MediaLive + MediaConnect live streaming for India Govt. Education Ministry e-learning project — delivered via VSAT to remote areas nationally.
- Led migration of 30,000+ VSAT clients from DVB-S (Windows Hughes baseband) to Jovian Networks (Linux/Citrix) — zero data loss.
- Satellite link engineering, RF bandwidth planning, EIRP matching, link budget optimisation for Banking, Maritime, Aviation, UFO verticals.
- Data centre migration capacity planning to cloud; mentored 8-10 engineers, drove SOP standardisation & scorecard metrics.
- Stakeholder calibration calls, progress dashboards, senior management reporting.

Sr. Testing Engineer — OFC Networks

Krishna Associates

April 2016 — September 2018

- Network route planning, OTDR testing, LSPM & link budget reports; fiber splicing (fusion & mechanical), FDMS panel management, KML mapping, GPR surveys.

Process Developer — Technical Training

Genpact India Pvt. Ltd · Gurgaon
August 2014 — March 2016

- SME & product trainer for Samsung Audio, Video & Laptop products; NHT batch training, quality monitoring, customer experience improvement.

Network Support Engineer

System Networks Pvt. Ltd · New Delhi
June 2013 — June 2014

- Network hardware installation, troubleshooting, remote support, system upgrades.

FLAGSHIP PROJECTS

The KPI Hub — AI SaaS Platform · thekpihub.com

Python · React · LLM APIs · SerpAPI · WordPress REST · Hostinger · Telegram Bot · Google Workspace

95%-automated AI content pipeline. 5-engine architecture. Live with full DNS/SSL/DKIM/DMARC and 6 revenue streams.

AetherAI — Enterprise On-Premise AI Suite · github.com/hsharmagxi-debug/aetherAI

Ollama · LangChain · AutoGen · ChromaDB · Docker · Python

Air-gapped AI covering 9 enterprise departments. Boardroom-pitched to CTO. 90-day phased implementation roadmap.

PolyMind — Multi-LLM Interface

React · TypeScript · Vite · Supabase · Docker Compose

Unified chat for 5 LLM providers with real-time cost tracking & streaming.

AWS Live Streaming — India Govt. Education Ministry

AWS MediaLive · MediaConnect · Hughes VSAT · AWS MediaLink

Designed & deployed live e-learning infra for Government of India — nationwide remote delivery via VSAT. Team of 10.

30K+ VSAT Migration — DVB-S to Jovian Networks

Linux · Citrix Hypervisor · Hughes Baseband · DVB-S

End-to-end migration of 30,000+ VSAT remotes. Zero data loss. Phased rollout.

ONLINE

- thekpihub.com
- github.com/hsharmagxi-debug/aetherAI
- linkedin.com/in/himanshusharma08368895811
- info@thekpihub.com

● VibeCon 2025

Selected Candidate
India's Top 300 Builders
YC × Anthropic × Lightspeed × Razorpay
Attending Solo · Delhi, India

CLOUD & INFRA

AWS MediaLive MediaConnect CloudWatch Datadog DevOps Docker CI/CD Linux CentOS RHEL Unix

AI / ML STACK

LLM APIs LangChain AutoGen Ollama ChromaDB RAG SerpAPI Prompt Eng.

DEVELOPMENT

Python React TypeScript Vite Supabase REST APIs WordPress Scripting

BROADCAST & SATCOM

VSAT DVB-S RF Engineering Link Budget EIRP Ku-Band Antennas OTDR OFC Splicing

LEADERSHIP

Team Lead Stakeholder Mgmt Solution Arch. Capacity Planning Risk Analysis SOP Design

KEY DOMAINS

Broadcasting Live Streaming Banking Infra Maritime Aviation e-Learning SaaS Automation Data Centers

EDUCATION

BCA — Computer Applications

Shobhit University
2016

Diploma — Engineering

I.I.T.
2011

C.B.S.E.

Secondary Education
2008