Sumit Shekhar

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Vice President, Product & AI Platforms | General Manager, Cloud & Supply Chain Systems

Product and platform executive with 17+ years scaling AI/ML infrastructure, multi-cloud systems, and global supply chain platforms; led 70,000+ developer ecosystems, delivered $105M+ annualized savings, and grew consulting revenue 7x; M.S. AI/ML (Columbia, in progress), MBA, executive experience across JPMorgan Chase, T-Mobile, Toyota, and Overstock.

Professional Experience

JPMorgan Chase – AI Platform & Developer Infrastructure
Senior Executive Director/General Manager, Cloud & AI Infrastructure   **2022–Present**
- Spearheaded evolution of ATLAS 2.0, a cloud-agnostic developer platform serving 70,000+ engineers across multi-cloud (AWS/Azure/GCP); accelerated deployment velocity by 35% through self-service infrastructure, real-time observability, and CI/CD automation.
- Built and operationalized enterprise AI/ML compute platform; implemented end-to-end MLOps pipelines reducing model deployment time by 85% — from 7 days to under 8 hours — enabling compliant experimentation at scale.
- Scaled FinOps program delivering $105M in annualized cloud savings via compute right-sizing, storage tiering, and hyperscaler contract renegotiation; achieved triple-digit adoption growth with full OCC/Fed regulatory compliance.
- Founded the firmwide Product Management Community of Practice (1,200+ members); led global leadership accelerators, hosted innovation summits, and codified product career frameworks across tech, risk, and infra verticals.
- Chaired Firmwide AI Product Strategy and Infra Governance Councils; aligned data science, infra, compliance, and platform teams on responsible AI development, LLM integration, and model deployment risk frameworks.

T-Mobile – 5G IoT Supply Chain & Platform Infrastructure
Chief of Product, Next-Gen Supply Chain & Edge Platforms   **2021–2022**
- Led product strategy for the 5G-enabled IoT supply chain backbone, architecting a hybrid AWS-GCP platform spanning 7,000+ retail and logistics nodes; boosted rollout velocity and system-level fault tolerance across edge networks.
- Launched a real-time inventory and replenishment platform processing 1M+ daily signals; reduced lead times by 42%, increased forecast accuracy, and enabled ML-driven stocking across stores and warehouses.
- Unified 13 SaaS tools (inventory, POS, ERP, logistics) into a cloud-native product layer, eliminating redundancies and driving $29M+ in recurring cost efficiencies.
- Directed platform observability and resiliency efforts across multi-region failover zones, enabling 99.99% availability for mission-critical 5G-connected logistics systems.
- Established cross-functional operating model across supply chain, infra, and AI analytics teams; implemented product-led agile transformation across 5 divisions.

ToyotaX – Autonomous Systems / Mobility Innovation (Toyota Research Institute)
Director, AI & Cloud Platforms   **2020–2021**
- Spearheaded development of edge-resilient cloud-native AI infrastructure powering real-time data pipelines across AV fleet telemetry, LIDAR/vision processing, and V2X systems.
- Launched "mFin" — a multi-cloud orchestration platform spanning AWS, Azure, GCP, IBM, and Oracle — unifying global operations for AI-powered predictive supply chains and embedded mobility finance services.
- Collaborated with NLP and perception teams to accelerate deployment of onboard ML inferencing models; reduced time-to-road from 6 weeks to 5 days.
- Instituted automated DevSecOps pipelines and AI model validation frameworks, driving a 68% reduction in system-level security incidents and streamlining cross-market compliance readiness.
- Partnered with TRI AV Safety and Cloud Governance teams to establish scalable, simulation-compatible data lake used across 5 global test markets and 3 vehicle platforms.

Overstock.com/Bed Bath & Beyond – Supply Chain/eCommerce/Branded Cards
Senior Director, Cloud Strategy   **2014–2020**
- Led $24M GCP migration across eCommerce and supply chain platforms; achieved 99.97% uptime, preventing $9M+ in revenue loss and modernizing operational resilience.

- Built AI-driven demand forecasting for 8,000+ SKUs across 5 global regions; improved inventory accuracy by 42%, reduced stockouts, and accelerated seasonal launches by 40%.
- Integrated cloud-native vendor management into supplier networks; cut onboarding time by 35%, improved real-time procurement visibility, and standardized DevSecOps practices across retail systems.

Big 4 Consulting – Pharma, Life Sciences & Regulated Industries

Director, Enterprise Cloud Consulting   **2008–2014**
- Architected cloud compliance frameworks (HIPAA, GDPR, SOX) for Fortune 100 partners; achieved 100% audit pass rates.
- Scaled cloud consulting revenue 7x by building modular, reusable architectures for highly regulated verticals.
- Led XFN teams to accelerate cloud adoption for $500M+ mission-critical IT workloads across pharma, finance, and healthcare.
- Advised C-suite on cloud strategy, digital transformation, and secure enterprise modernization across global markets.

Leadership & Advisory Roles
- **Founder & CEO, KloudRes Tech Solutions (2012–2015):** Built and scaled a boutique cloud security and analytics firm specializing in healthcare and finance SMBs; modernized 100+ organizations' operations and data practices, culminating in a strategic acquisition exit.
- **Board Member, Tri-State Technology Leaders Association:** Provided strategic direction for NYC/NJ technology leadership community; spearheaded innovation and workforce development initiatives.
- **Entrepreneur-in-Residence (EIR) and Mentor:** Advised early-stage AI infrastructure, DevOps, and SaaS startups across stealth and Series A stages; coached founders on scaling platforms, regulatory readiness, and GTM strategies.
- **Chair & Host, Global Product Leadership Summits (NYC, SFO):** Curated high-impact gatherings bringing together product executives, AI researchers, and infrastructure architects to shape the future of technology leadership.
- **Product Management Mentor:** Coached 500+ aspiring and experienced PMs through private mentorship programs and accelerator/incubator cohorts; focused on platform thinking, zero-to-one scaling, and AI productization.
- **Angel Investor & Community Builder:** Early backer of AI, developer tools, and privacy-first SaaS ventures; active connector across founder, VC, and enterprise innovation ecosystems.
- **Contributor to AI & Product Innovation Working Groups (NYC, SFO, Virtual):** Regular thought partner shaping best practices in responsible AI, developer productivity, and product strategy for next-generation platforms.

Education
- **Columbia University** — M.S., Artificial Intelligence & Machine Learning (Expected 2026)
  Focus: Foundation Models, Scalable AI Infrastructure, Responsible AI Deployment
- **Pennsylvania State University** — M.S., Supply Chain Management & Business Analytics (2021)
  Focus: Predictive Analytics, Intelligent Supply Chains, Global Operations Strategy
- **ICFAI Business School** — MBA, Strategy & Technology Management (2006)
  Focus: Business Growth Strategy, Product Innovation, Cross-Border Operations
- **BTEC United Kingdom / IGNOU** — B.S., Information Technology (2003)
  Focus: Software Engineering, Cloud Systems, Early-stage Tech Entrepreneurship

Technical Skills
- **Product Leadership:** E2E Ownership, 0→1 & 1→N Scaling, XFN Org Building, Strategic Vision & Roadmaps, PLG
- **AI/ML Infrastructure:** Distributed Training, MLOps Automation, Foundation Model Ops, Responsible AI Gov.
- **Cloud Platforms:** AWS/GCP/Azure Architecture, Developer Velocity, FinOps Optimization, Multi-Cloud Resilience
- **Data Systems:** Scalable Pipelines, Real-Time Telemetry, SQL Analytics for Insights
- **Developer Productivity:** Internal Developer Platforms, Self-Serve Infra, CI/CD Acceleration
- **Privacy, Security & Compliance:** DevSecOps, Data Protection Systems, OCC/GDPR/Fed/CPNI Compliance
- **Execution Frameworks:** Agile/Scrum Delivery, Rapid Prototyping, Wireframing & UX Principles
- **Tools & Languages:** Jira, Confluence, Figma (Wireframes), Python (Infra & ML Scripting)

Languages
English (Fluent) | Hindi (Fluent) | Sanskrit (Fluent) | Bengali (Conversational) | Mandarin (Conversational)