

VINAY KUDITHIPUDI

Senior Technology Executive | Enterprise AI & Transformation

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EXECUTIVE PROFILE

Visionary C-suite technology executive with over two decades of experience architecting transformational enterprise AI, global cloud infrastructures, and high-performance engineering platforms. Trusted growth partner reporting to CTOs/CITOs, orchestrating 1,000+ member global teams and managing annual operating budgets up to \$200M. Champion of AI-driven operating models, cloud modernizations, and multi-cloud platform migrations that yield tens of millions in enterprise value, mitigate regulatory risk, and open new monetization channels.

EXECUTIVE EXPERIENCE

Copart, Inc. — *Head of Enterprise Data & AI* Jan 2025 – Present

Scope: Global Team | Direct Report to CTO | Enterprise AI & Data Architecture

- **Enterprise AI Strategy:** Architected a comprehensive four-pillar AI roadmap (Evangelization, Foundational Services, Human Augmentation, Autonomous Systems) adopted as the corporate blueprint for enterprise innovation.
- **Operational Cost Reduction:** Engineered AI Foundational Services integrated into 50+ business workflows, driving \$30M+ in annualized savings via autonomous process transformation.
- **Revenue Expansion:** Pioneered an industry-first Vision-AI salvage pricing product delivering instant vehicle estimates from single photos and VINs, accelerating appraisal cycles and establishing new market revenue channels.
- **Enterprise Adoption & Productivity:** Spearheaded internal digital transformation with a proprietary GenAI assistant scaled to 33%+ of the global workforce (4,000+ users) within 6 months, automating routine operations and democratizing BI access.

TransUnion — *SVP, Global Engineering & Operations* Feb 2022 – Jan 2025

Scope: 1,000+ Associates | \$200M Operating Budget | Direct Report to CITO

- **Global Operating Model:** Spearheaded global engineering restructuring across public clouds and on-prem assets, delivering \$15M in sustainable annual operational savings while elevating global service delivery levels.
- **Platform Consolidation:** Architected and governed an enterprise multi-cloud infrastructure platform, consolidating 10 disparate core-business credit scoring systems into a unified global solution.
- **Cloud Modernization & Data Center Exit:** Driven the decommissioning of 8 data centers and cloud migration of 100+ mission-critical applications, modernizing global technology footprint and reducing fixed OpEx.
- **High-Availability Governance:** Engineered zero-downtime architecture maintaining 99.99% uptime for global credit products supporting continuous revenue generation.
- **Financial Governance:** Streamlined enterprise budget review frameworks, reducing approval workflows from weeks to days while unlocking \$2M+ in annual cost efficiencies.

EXECUTIVE IMPACT DASHBOARD

\$30M+

ANNUAL SAVINGS VIA AI

\$200M

BUDGET MANAGED

1,000+

GLOBAL TEAM SCALED

3x / 99.99%

REVENUE SCALE / UPTIME

CORE COMPETENCIES

EXECUTIVE LEADERSHIP

- AI Governance & Strategy
- Monetization & Revenue Expansion
- Board & C-Suite Relations
- Global Team Building (1,000+)
- P&L & \$200M Budget Management
- Enterprise Digital Transformation

DATA & AI ARCHITECTURE

- Generative AI & LLM Integration
- Vision AI & Computer Vision
- Cloud Enterprise Data Platforms
- Predictive Analytics & Modeling
- Ethical AI Frameworks & Governance

MODERN INFRASTRUCTURE

- Multi-Cloud Platform Modernization
- Data Center Consolidation
- High-Availability Architecture (99.99%)
- DevOps & Automated Infrastructure
- CPaaS & Global Telecom Stack

GOVERNANCE & COMPLIANCE

SOX PCI DSS ISO 27001
SSAE 16 ITIL Data Governance

Copart, Inc. — *Vice President, Product Delivery & Engineering*

May 2017 – Feb 2022

Scope: 300+ Engineers | \$25M Annual Budget | Direct Report to CTO

- **Core Platform Transformation:** Architected next-gen auto salvage platform, fueling 3x growth in global business volume/revenue and scaling expansion across 10+ international markets.
- **New Revenue Line Creation:** Launched proprietary title-processing engine absorbing insurance clients' in-house workflows, processing 1M+ annual title transfers and solidifying enterprise client retention.
- **Product Innovation:** Pioneered industry-first customer web applications (2017) directly digitizing owner consent, pickup scheduling, and live tracking to accelerate auto processing lifecycle.
- **Global Engineering Expansion:** Established captive offshore development center in India of 500+ engineers, creating the corporation's main global technology delivery engine.
- **Field Workforce Productivity:** Tripled field operational productivity via custom mobile application suite for real-time, on-site vehicle management.
- **Communications & Modernization:** Reduced customer call handling times by 3x by building a custom global communications platform on Twilio CPaaS; led full application stack migration from legacy IBMi to cloud-native standards.

Copart, Inc. — *Vice President, Infrastructure & Engineering Operations*

Oct 2014 – May 2017

Scope: 120 Staff | \$26M Annual Budget | Infrastructure, DevOps, InfoSec, Support

- **Financial Optimization:** Restructured cross-functional IT spend, capturing \$4M in annual recurring operational savings.
- **Service Level Elevation:** Championed incident, change, and problem management practices, increasing enterprise platform uptime from 99.40% to 99.99%.
- **Security & Compliance:** Built enterprise Information Security organization from ground up, attaining ISO 27001, PCI, and SSAE 16 certifications.

SolarCity, Inc. (acquired by Tesla Energy) — *Vice President, Technology*

Feb 2014 – Oct 2014

Scope: 60 Staff | \$20M Budget | Direct Report to Co-Founder | Market Share: 40%

- **Hyper-Growth Scaling:** Scaled IT infrastructure and onboarding operations during aggressive expansion (400+ weekly hires), ensuring immediate Day-1 productivity.
- **Data Center Infrastructure:** Migrated enterprise systems from office facilities to high-availability data center architecture, achieving 99.9% availability.
- **Telecom Expansion:** Implemented enterprise VoIP ecosystem across 7 locations supporting a 5x increase in service agents; realized \$2M/year in IT cost savings and achieved SOX compliance.

Gogo, Inc. — *Vice President, Infrastructure & Engineering*

Aug 2010 – Feb 2014

Scope: 60 Staff | \$15M Budget | Promoted from Director (2013) | Direct Report to CIO

- **Delivery Acceleration:** Modernized delivery cycles from 4 months to 2 weeks by pioneering DevOps, CI/CD, and agile infrastructure practices.
- **Platform Modernization:** Re-architected network accounting engine and deployed private cloud infrastructure, improving stability by ~80% and halving response times.
- **Vendor Rationalization:** Optimized vendor contracts, delivering \$1.1M+ in direct cost savings while elevating response times by 2.5x; led PCI compliance for 3 consecutive years and built <4 hour DR strategy.

EARLIER CAREER LEADERSHIP

Director of IT, Global Operations – TravelCLICK (2007–2010)

Manager, IT Services – Orbitz Worldwide (2004–2007)

Senior Operations Engineer – Transvision International Teleport (2003–2004)

Network Operations Engineer – Spirian Technologies (2003) | Systems Analyst – Comdisco, Inc. (2001) | Network Engineer – InLight, Inc. (2000)

EDUCATION & CREDENTIALS

M.S., Computer Science (Networks)

Illinois Institute of Technology | Chicago, IL

B.S., Computer Science (Networks)

Taganrog State University | Taganrog, Russia