

HOOMAN PARTA

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EXECUTIVE PROFILE

Technology executive with 25+ years leading enterprise-scale cloud, AI, and platform transformations across Fortune 500 environments. Enabled platform revenue growth from \$15M to \$250M+, delivered \$96M+ in cost savings, and scaled and led a global engineering organization of up to 50 engineers through 5 engineering managers. Expert in AI/LLM platform strategy, cloud-native architecture (AWS, Azure, GCP), and large-scale modernization of legacy systems into agent-ready platforms — grounded in security and compliance engineering (DevSecOps, SOC 2, SOX, FedRAMP). Trusted advisor to C-suite leadership on technology strategy, AI adoption, and multi-year roadmaps.

CAREER HIGHLIGHTS

- Led AI transformation of enterprise voice platform (1B+ sessions/month, \$250M+ revenue scale) from RNN to LLM-driven, agent-ready architecture
- Enabled platform revenue growth from \$15M to \$250M+; reduced cloud and infrastructure costs 30–40%; directed a \$40M+ infrastructure budget
- Led a global engineering organization of up to 50 engineers through 5 engineering managers across NA, EMEA, and APAC; modernized 10,000+ nodes to cloud-native microservices in 9 months
- Delivered fully compliant cloud AI platforms (PCI-DSS, HIPAA, SOC 2, SOX, FedRAMP, NIST) across global regions at 99.9%+ availability

CORE COMPETENCIES

Leadership & Strategy: Technology Strategy · AI Strategy & Adoption · Organizational Scaling · Leadership Development · Executive Engagement · Global Team Leadership · Digital Transformation

Architecture & Engineering: Cloud-Native Architecture · Distributed Systems · Microservices · Kubernetes · DevSecOps · CI/CD · DORA Metrics · Infrastructure-as-Code

Cloud & Data Platforms: AWS · Azure · Multi-Cloud · Hybrid Cloud · Data Platforms · High-Scale Systems

AI & Emerging Tech: LLMs · Agentic Systems · RAG · AI Governance · AI Platforms · Copilots · MLOps · Real-Time Inference

Security & Compliance: Security Architecture · Secure SDLC · Zero Trust · IAM · PCI-DSS · HIPAA · SOC 2 · SOX · FedRAMP · NIST

Business & Delivery: Revenue Enablement · Cost Optimization · Pre-Sales Engineering · Program Delivery · Vendor Management

PROFESSIONAL EXPERIENCE

Principal Engineering Manager — Platform & Security Engineering (Senior Director scope) **Mar 2022 – Mar 2026**

Microsoft (via Nuance acquisition) — Los Angeles, CA · Scope: ~50 engineers · 5 EMs · \$40M+ budget · NA/EMEA/APAC · ~1B sessions/mo

- Retained at Senior Director scope through Microsoft's acquisition of Nuance; led the organization through integration — retaining 90% of senior staff through the first three years — while sustaining delivery for Fortune 500 customers
- Led a ~50-engineer global organization through 5 engineering managers across NA, EMEA, and APAC; directed \$40M+ in engineering budget
- Led AI transformation of the voice platform (1B+ sessions/month, \$250M+ revenue scale) from legacy RNN models to LLM-driven, real-time inference (<100ms latency)
- Defined and executed the AI modernization roadmap with Product leadership toward an agentic-AI and copilot strategy
- Accelerated model experimentation from multi-quarter cycles to 2-week releases; drove ~30% cost reduction moving self-hosted inference to managed cloud AI services
- Established AI governance and secure engineering practices — DevSecOps, secure SDLC, shift-left tooling — mitigating code leakage, data exposure, and compliance risk
- Improved reliability by 25% and cut incident resolution time by ~40% on 99.9%+ availability SaaS platforms through CI/CD automation and DORA-driven practices

Senior Director, Cloud Engineering & Application Delivery

Jun 2010 – Mar 2022

Nuance Communications (acquired by Microsoft, 2022) — Los Angeles, CA · Promoted through five roles, Sr Solution Architect → Senior Director

Functions led: Cloud Engineering · Application Delivery · SRE · Data Engineering & Analytics · QA · Solution Architecture · DevOps · Security & Compliance

- Built and led an engineering organization of up to 50 engineers through 5 engineering managers — promoted 40% of the team over tenure, grew 5 ICs into engineering managers, and held attrition under 5%
- Led a multi-function organization — cloud engineering, application delivery, SRE, data engineering, QA, solution architecture, and DevOps — including enterprise analytics: architected, deployed, and supported modernized data pipelines, Databricks, and Tableau/BI for regulated customers
- Defined platform strategy with the VP of Engineering; enabled platform revenue growth from \$15M to \$250M+
- Led large-scale modernization of monolithic systems into microservices, migrating 10,000+ nodes across global Azure regions in 9 months
- Directed \$40M+ infrastructure and vendor budget; drove build-vs-buy and cloud platform decisions; reduced infrastructure costs ~40% (\$96M+ annual)
- Chaired Architecture Review Boards; delivered SaaS platforms to Fortune 500 clients with full compliance (PCI-DSS, HIPAA, SOC 2, SOX, FedRAMP, NIST) on Azure and AWS

Senior Platform Architect

2008 – 2010

Cisco / Transera — Sunnyvale, CA

- Architected global voice and data platforms for enterprise CCaaS and UCaaS, deploying distributed systems across international Points of Presence
- Designed secure, high-availability infrastructure for Fortune 500 enterprise clients

Director of Engineering & Operations

2003 – 2007

UnityCX / Collective Solutions — Los Angeles, CA

- Directed engineering and operations for 10,000+ seat contact-center platforms, leading global teams across the US and international regions
- Achieved full compliance across security and regulatory programs (PCI-DSS); improved operational efficiency by 30%

SELECTED TECHNICAL WORK & WRITING

- Autonomy Boundary Framework (ABF) — open-source runtime controls for auditable agent autonomy (“approved must equal authorized”); runnable reference implementations; adopted as a reference by practitioners in banking and AI infrastructure, with field design contributions credited. github.com/hoomanp/autonomy-boundary
- DISPATCH — multi-tier LLM inference router with policy-driven routing, multi-layer caching, and a memory engine
- “The Autonomy Boundary” and “The Last Mile” — weekly series on deploying AI into regulated industries, read at VP/CTO altitude

EDUCATION & CERTIFICATIONS

- Master of Science in Engineering (Data Engineering & AI/ML Systems) — University of California, Los Angeles — expected Winter 2027 (in progress)
- M.S. & B.S. Engineering — Amir Kabir University of Technology
- CISSP · PMP · ITIL Foundation · Cornell Executive Leadership Certificate · Enterprise Architect CoE · U.S. Public Trust Clearance