

HOOMAN PARTA

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ENGINEERING EXECUTIVE — AI PLATFORMS, CLOUD INFRASTRUCTURE & SECURITY GOVERNANCE

Enterprise Cloud & AI Platforms · Global Org Leadership · Reliability & SRE · Risk & Compliance · CISSP

EXECUTIVE SUMMARY

Engineering executive with 25+ years building and leading cloud, platform, SRE, and security organizations for Fortune 500 environments. Led a global organization of up to 50 engineers through 5 engineering managers across NA, EMEA, and APAC, directing a \$40M+ budget. Owned platform engineering, cloud reliability, and security posture supporting enterprise voice and speech-AI services running ~1B monthly sessions at 99.9%+ availability. Partnered across executive leadership to enable platform revenue growth from \$15M to \$250M+ and co-deliver a company-wide cloud transformation that reduced infrastructure costs by ~40% (~\$96M program savings).

EXECUTIVE HIGHLIGHTS

- **Organizational Scale & Retention:** Built a 50-engineer global organization through 5 EMs; promoted 40% of staff, grew 5 ICs into managers, kept attrition under 5% at Nuance, and retained 90% of senior staff through 3 years of Microsoft M&A integration.
- **Cloud & FinOps Transformation:** Directed a \$40M+ budget; migrated 10,000+ nodes from legacy/VMware estates to cloud-native microservices across global Azure regions in 9 months. Co-delivered a company-wide cloud program that cut infrastructure costs ~40% (~\$96M) and consolidated 40+ data centers.
- **Operational Resilience:** Cut incident resolution time ~40% and improved platform reliability 25% on 99.9%+ availability services through automated observability, DevSecOps, and SRE readiness.
- **Governance & Security Authority:** Chaired the Architecture Review Board; sustained compliance across PCI-DSS, HIPAA, SOC 2, SOX, FedRAMP (Microsoft era), and NIST 800-53 with 90% CI/CD deployment automation.

PROFESSIONAL EXPERIENCE

Founder & Principal Executive Advisor

Apr 2026 – Present

H&Y Labs — Los Angeles, CA

- Advise CTOs, VPs of Engineering, and platform leaders in regulated industries on multi-cloud modernization, AI platform economics, and production governance.
- Creator and maintainer of two open-source enterprise AI frameworks:
 - **Autonomy Boundary Framework (ABF):** Runtime governance controls for auditable agent autonomy (“approved must equal authorized”) (github.com/hoomanp/autonomy-boundary).
 - **DISPATCH:** Multi-tier LLM inference router balancing reasoning depth, latency SLAs, and unit economics across foundation models.

Principal Engineering Manager (Senior Director Scope)

Mar 2022 – Mar 2026

Microsoft (via Nuance Acquisition) — Los Angeles, CA

- Retained at Senior Director scope through Microsoft's acquisition of Nuance to lead platform engineering, cloud reliability, and security posture for enterprise voice and speech-AI services (~1B monthly sessions) across NA, EMEA, and APAC for Fortune 500 customers.
- Led a ~50-engineer global organization through 5 engineering managers across Platform, SRE, Architecture, Data, and Security; directed a \$40M+ budget and retained 90% of senior staff through 3 years of post-merger integration.
- Partnered with Product leadership on the AI modernization roadmap, establishing AI governance, runtime guardrails, and secure engineering practices to mitigate data exposure and compliance risk.
- Chaired the Architecture Review Board and set the technical bar for cloud and AI security; maintained continuous compliance across PCI-DSS, HIPAA, SOC 2, SOX, FedRAMP, and NIST 800-53.
- Championed SRE automation, shift-left DevSecOps, and incident-response readiness, cutting incident resolution time ~40% and improving reliability 25%.

Senior Director, Cloud Engineering & Application Delivery

May 2011 – Mar 2022

Nuance Communications — Los Angeles, CA · Promoted through five roles: Sr. Solution Architect → Principal Architect → Director → Senior Director

- Built and led a multi-disciplinary organization of up to 50 engineers through 5 engineering managers across Cloud Engineering, Application Delivery, SRE, Data Engineering/Analytics, QA, Solution Architecture, and DevOps; promoted 40% of staff, grew 5 ICs into managers, and held attrition under 5%.
- Partnered with the VP of Engineering on platform strategy that enabled platform revenue growth from \$15M to \$250M+.
- Led modernization of monolithic and VMware systems into cloud-native microservices, migrating 10,000+ nodes across global Azure regions in 9 months with 90% CI/CD deployment automation.
- Directed a \$40M+ infrastructure and vendor budget; teams co-delivered a company-wide cloud transformation that cut infrastructure costs ~40% (~\$96M+) and consolidated 40+ data centers.
- Architected modernized enterprise data pipelines (Databricks, Tableau/BI) and chaired the Architecture Review Board, delivering compliant SaaS (PCI-DSS, HIPAA, SOC 2, SOX, NIST) on Azure and AWS.

Senior Platform Architect

Dec 2008 – Dec 2010

Cisco / Transera — Sunnyvale, CA

- Architected high-availability distributed systems for global voice and data platforms (CCaaS/UCaaS) for Fortune 500 clients including Home Depot, American Red Cross, Aon, and McKesson.

Director of Engineering & Operations

Jun 2003 – Dec 2007

UnityCX / Collective Solutions — Los Angeles, CA

- Led engineering, operations, and PCI-DSS security for 10,000+ seat global contact-center platforms across the US, Latin America, and APAC; improved operational efficiency 30%.

Earlier Career: Senior System Architect, DH Burnham Inc. (2002–2003) · Founding Engineer, Pars Online (1999–2002).

EDUCATION & CERTIFICATIONS

- **Master of Science in Engineering (Data Engineering & AI/ML Systems)** — UCLA (In Progress, Expected Winter 2027)
- **M.S. & B.S. in Engineering** — Amirkabir University of Technology
- **Certifications:** CISSP · PMP · ITIL Foundation · Cornell Executive Leadership Certificate · U.S. Public Trust Clearance