

Guru Krish

Enterprise AI Architect | AI Platform Strategy · Security & Transformation

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Professional Summary

I design and build enterprise AI capabilities — from strategy and platform architecture to security, governance, and implementation — helping organizations move AI from idea to production at scale. Over 18 years at Google and Amazon, I've done this repeatedly — building Google's enterprise AI operating model across a \$30–50M AI portfolio, securing a \$500M ecosystem through enterprise security platforms, and architecting an AI-powered workflow on AWS Bedrock that reduced security request resolution from seven weeks to one week. Currently building Trust by Design, an Enterprise AI Transformation Platform that helps organizations move AI from idea to production through architecture, security, governance, and implementation guidance.

Experience

Principal Consultant — Enterprise AI Transformation — Trust by Design Austin, TX · Jan 2026 – Present

- Architecting Trust by Design, an Enterprise AI Transformation Platform helping enterprises move AI from idea to production — covering platform architecture, agentic AI patterns, LLM gateways, guardrails, governance models, and security controls aligned with NIST AI RMF and OWASP LLM Top 10.
- Built live AI risk assessment tool — generates instant risk tier, governance requirements, regulatory flags, architecture recommendations, AI FinOps cost estimates, and 90-day implementation roadmap for any enterprise AI use case. Deployed at gurukrish.org.
- Published 8 reusable implementation artifacts across BUILD, GOVERN, and SECURE pillars — including agentic AI threat model, LLM guardrail patterns, enterprise AI intake framework, and AI transformation playbook. Portfolio: gurukrish.org

Oracle OCI – Senior Principal TPM, Security CTO Organization (Offer rescinded due to organizational restructuring prior to start date)

Senior Leader — Enterprise AI Platform Architecture & Security — Amazon Austin, TX · June 2024 – Oct 2025

- Defined and owned enterprise security intelligence and measurement strategy, including Security Scorecard v2, standardized risk models, and executive reporting adopted across 70%+ of engineering teams, reducing repeat vulnerabilities 40% and improving visibility into enterprise risk posture.
- Architected an AI-powered enterprise automation platform on AWS Bedrock using LLM reasoning, evaluation workflows, and human review to automate 2,500+ access requests, reducing resolution time from seven weeks to one week.
- Architected end-to-end AI system design — data ingestion pipeline, embedding strategy, LLM reasoning layer, human-in-the-loop review workflow, and automated output routing — from architecture to production deployment.
- Designed the LLM pipeline with model selection, prompt optimization, and caching strategies that reduced projected inference costs by 60–70% at enterprise scale.

Senior Leader — Enterprise AI Platform Strategy & Architecture — Google Austin, TX · Jan 2023 – Mar 2024

- Defined Google's enterprise AI platform strategy, operating model, and investment roadmap across 14 Corporate Engineering organizations — unifying 50+ AI initiatives into a single portfolio and influencing \$30M–\$50M in strategic investments.
- Defined enterprise AI architecture standards and reusable platform patterns across 14 engineering organizations — covering agentic AI, LLM integration, vector search, and document intelligence at Google scale.
- Built financial impact model with Finance across 30 AI programs — enabling structured prioritization, 50% TPU cost reduction through compute governance, and reprioritization of 5 underperforming programs. Predecessor to enterprise AI FinOps.
- Led executive AI/ML SteerCo and QBR forums with 20+ Directors and SVPs — governing strategic AI investments across conversational AI, vector search, document intelligence, and model-reuse initiatives.

Senior Leader — AI & HR Platform Engineering — Google Austin, TX · Nov 2021 – July 2023

- Led enterprise HR platform transformation supporting ~180K employees — driving delivery across 20 cross-functional teams and engineering partnerships with 95% on-time delivery through operating model redesign, execution rigor, and stakeholder alignment.
- Reduced security vulnerabilities by 40% and improved manager efficiency 25% through a PoC-driven redesign of access provisioning and identity workflows.
- Saved 1,000+ hours annually by implementing automation and AI-assisted capabilities across security workflows in collaboration with product, engineering, and privacy teams.

Senior Leader — Enterprise 3p Security & Privacy Architecture & Platform — Google Austin, TX · Nov 2019 – Feb 2022

- Led Tigerforce, Google's enterprise security program protecting a \$500M Salesforce ecosystem across 500+ instances — established 12 enterprise security and privacy controls covering ownership, monitoring, vulnerability management, data governance, and 3P SaaS requirements that became Google's standard for all third-party application onboarding.
- Designed Risk Inspector, a mandatory daily compliance platform across 150+ Salesforce instances — auto-escalated violations to SVPs, drove 40% enterprise risk reduction through automated decommission of ownerless instances, and eliminated 3,700+ redundant licenses.
- Established Google's CoE for Salesforce security — the only security-approved SFDC implementation team — reducing vulnerability resolution from 27 days to 2 days, S&P tickets from 58 to zero, and delivery time from 150 days to 10 days.

Senior Leader — Enterprise Platform Strategy & Architecture — Google Austin, TX · Aug 2018 – Apr 2020

- Directed modernization of HR and finance systems used by ~3,500 users supporting 180K employees — consolidated 100+ tools into unified Salesforce platform, migrating 76% of use cases within the first year with HIPAA-compliant data handling.
- Enabled \$200M+ Salesforce platform investment by defining system strategy, exit roadmap, and required privacy and engineering controls for safe handling of Google data.
- Led delivery across global teams (50+ engineers, 15 vendors) — reducing vendor costs by \$1.4M through optimized sourcing and delivery models.

Technical Program Manager — Google Analytics, Mountain View, CA · May 2014 – Aug 2018

- Scaled Google Analytics 360 platform across Ads and Analytics — increased adoption 20%, reduced customer onboarding from 6 months to 12 days, delivered \$500K+ in cost savings through workflow standardization.

EARLY CAREER LEADERSHIP EXPERIENCE

Engineering Manager, Adometry (Aug 2013 – May 2014): Led frontend engineering team supporting attribution, optimization, and reporting platforms; improved system reliability and large-scale data validation.

Senior Manager QA / Release Engineering, Rodan + Fields (Feb 2013 – Aug 2013): Built and scaled global QA teams, implementing agile testing and release strategies across eCommerce platforms.

QA Manager / Scrum Master, Affiniscape (May 2007 – Feb 2013): Built and managed distributed QA and release engineering teams across US, India, Ukraine, and Costa Rica.

Technical & Domain Expertise

Enterprise AI & Architecture: Enterprise AI Architecture, Agentic AI, RAG, LLM Gateways, AI Guardrails, AI FinOps, Evaluation Frameworks, Prompt Engineering, n8n, AWS Bedrock, Vertex AI, Python, APIs & Integrations.

AI Security & Governance: AI Security, Threat Modeling, AI Governance, NIST AI RMF, OWASP LLM Top 10, Identity & Access Governance, Enterprise Risk Management, Security & Privacy (NIST CSF, GDPR, HIPAA, SOX).

AI Transformation & Strategy: AI Strategy, Enterprise AI Platforms, AI Operating Models, AI Portfolio Strategy & Management, AI Adoption, Executive Governance, AI FinOps.

Leadership & Execution: Enterprise Program Leadership, Executive Stakeholder Management, Cross-Functional Leadership, Platform Strategy, Roadmap Planning, Engineering Partnerships, Agile Delivery.

Training and Certifications

AIGP — AI Governance Professional (In Progress) · CIPT — Privacy in Technology (IAPP) · AWS · Google Cloud Digital Leader · Data Engineer – GCP · Salesforce Certified Administrator

Leadership & Impact

Founder, Austin Cricket Association — scaled to 8 teams, 225+ members.

Chairman, Board Director, Central Texas Cricket League — supporting 45 teams.

Mentorship: Coached 100+ professionals on career growth and leadership.

Education

M.S., Electrical Engineering — Oklahoma State University, Stillwater, Oklahoma

B.E., Electronics and Instrumentation Engineering — Annamalai University, India