Avinash Singh

VP – Technology | Enterprise Architecture · Multi-Cloud · Generative & Agentic AI

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SUMMARY

Technology executive with 20+ years in enterprise architecture, cloud engineering and operations across Financial Services, FinTech, Data & Analytics, Telecom BSS and Automotive. Leads multi-cloud, security and network architecture, SRE and DevSecOps, and Generative AI strategy on Google Cloud, AWS and Oracle Cloud — with a focus on secure, governed, production-grade AI in regulated environments.

GENERATIVE AI PLATFORM EXPERTISE

- **Google Cloud Vertex AI:** Gemini models, Model Garden, Gemini Enterprise (Agentspace), Agent Development Kit & Agent Engine, Vertex AI Search / RAG grounding with BigQuery, on-behalf-of (OBO) delegation and per-user entitlements for agents on Cloud Run.
- **Amazon Bedrock:** multi-model access (Claude, Nova, Llama, Mistral), Bedrock Agents & AgentCore, Knowledge Bases (managed RAG), Guardrails for safety and PII; Amazon SageMaker for custom models and MLOps.
- **OCI Generative AI:** hosted Cohere and Llama models, dedicated AI clusters and fine-tuning, OCI Generative AI Agents, Oracle AI Vector Search, OCI Data Science. OCI 2025 Certified Generative AI Professional.
- **Agentic AI:** agentic design patterns, Model Context Protocol (MCP), Agent2Agent (A2A), LangGraph, LangChain, LangSmith, prompt engineering; LLM / SLM / foundation-model selection.

EXPERIENCE

Vice President of Technology Services · Equifax — Sep 2025 – Present

- Lead multi-cloud, security and network architecture across the enterprise technology estate.
- Drive Generative AI and agentic AI architecture, including secure identity and entitlement models for AI agents.
- Oversee serverless cloud-native integrations, Site Reliability Engineering and DevSecOps; set enterprise and technical architecture direction.

Sr. Director – Technical & Enterprise Architecture and Operations / Multi-Cloud / SRE / DevOps · Equifax — Apr 2019 – Sep 2025

- Managed multi-cloud, SRE and DevOps practices across the enterprise.
- Led integrations, microservices and enterprise-wide technical strategy; championed secure SDLC. Equifax Global CEO Award.

Platform Lead · Cox Automotive Inc. — Jan 2017 – Apr 2019

- Led middleware and Oracle Cloud Infrastructure platforms with SRE and DevOps practices; Cox Automotive Global Innovation Award.

Senior Principal Consultant · Oracle — Nov 2014 – Dec 2016

- Senior solutions architect for Oracle Fusion Middleware and integration, including RODOD / RSDOD order-delivery solutions for communications providers.

Principal Consultant · Oracle — May 2011 – Nov 2014

- Principal consultant on Oracle AIA/SOA and BRM; Oracle Best Consultant and Consulting Innovation awards.

Senior Consultant · Oracle — Feb 2009 – May 2011

- Development lead for Oracle AIA Order-to-Bill (O2B) and Order-to-Cash (O2C) Process Integration Packs on AIA/SOA and BRM.

Senior Subject Matter Expert · Amdocs — Jul 2008 – Feb 2009

- Subject matter expert for Amdocs Ensemble and Enabler billing and customer-management products.

System Engineer · IBM — 2005 – 2008

- Telecom BSS product and application development; customized the Convergys Geneva billing platform to client requirements.

EDUCATION

Bachelor of Technology (B.Tech), Information Technology — Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow, 2001 – 2005

TECHNICAL SKILLS

- **Cloud & DevOps:** GCP, AWS, OCI, Hybrid; Kubernetes, GKE, EKS, Docker; Terraform, Ansible, Jenkins, CI/CD; Splunk, CloudWatch, ELK, ChaosSearch
- **Architecture & Integration:** Enterprise Architecture, Microservices, Serverless, SOA; Oracle Integration Cloud, Salesforce
- **Data, Languages & Products:** Autonomous DB, Exadata, SQL, PL/SQL; Python, Java, C/C++, Shell, Perl; Oracle BRM & AIA, Siebel, Amdocs, Convergys Geneva

CERTIFICATIONS & AWARDS

OCI 2025 Certified Generative AI Professional (Sep 2025) · Equifax Global CEO Award · Cox Automotive Global Innovation Award · Oracle Best Consultant & Consulting Innovation Awards