

RAVIN VASUDEV

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EXECUTIVE SUMMARY

Executive technology leader with 19+ years of experience scaling cloud platforms, modernizing enterprise systems, and aligning architecture decisions with business growth across Electric Vehicle, Energy, Telecommunications industries.

Known for translating cloud strategy into measurable outcomes across the three core pillars of scale: financial efficiency, delivery velocity, and operational resilience. Leads architecture and platform organizations through governance, modernization, and cross-functional execution to improve speed, control risk, and sustain long-term value creation.

CAREER HIGHLIGHTS

- Steered multi-region cloud and platform architecture, scaling product growth while improving governance maturity and engineering throughput.
- Directed modernization that cut deployment cycle time by 40% and improved CI/CD build efficiency by 60%.
- Led architecture execution across 4 cross-functional teams (15+ engineers), standardizing delivery and raising quality at scale.
- Designed telecom systems for 200+ million subscribers, balancing reliability, performance, and security.
- Built high-throughput messaging and identity services handling 100K+ daily SMS and email transactions.
- Earned multiple Siemens STAR Awards and two Etisalat Hero Awards for technical leadership and business impact.

EXECUTIVE CAPABILITIES

Cloud and Platform Strategy

- Cloud Center of Excellence (CCoE) leadership and operating model design
- Enterprise cloud governance, landing zone strategy, and architecture decision controls
- Multi-tenant SaaS architecture and platform operating model design
- Architecture review boards and cross-functional technical governance

Financial and Operational Leadership

- FinOps, budget ownership, and cloud cost optimization
- Engineering productivity, developer velocity, and delivery acceleration
- Reliability, resilience, and service risk reduction
- Cross-functional stakeholder, portfolio, and roadmap alignment

Agnostic Capability Stack

- Governance and Controls: Policy as Code, risk controls, compliance guardrails
- IaC Foundation: Terraform, OpenTofu, reusable modules, landing zones
- Platform Delivery: AWS, Kubernetes (EKS), ArgoCD, Helm, DevSecOps
- Services and Data: Microservices, distributed systems, event-driven architecture, caching

PROFESSIONAL EXPERIENCE

Siemens Canada Limited | New Brunswick, Canada

Cloud Architect (CCoE) | Dec 2025 - Present

- Directed enterprise cloud governance standards and landing zone blueprints across product lines, improving consistency, risk control, and operating efficiency.
- Drove adoption of cloud-native architecture and Infrastructure as Code, increasing engineering velocity and reducing delivery friction.

- Established FinOps, security, and compliance guardrails to improve cost accountability and platform reliability at scale.
- Advised engineering leadership on migration roadmaps, SaaS strategy, and cloud investment priorities aligned to business goals.

System Architect | Oct 2022 - Nov 2025

- Defined end-to-end architecture strategy for Depot360, scaling a multi-region EV fleet platform with stronger resilience and global performance.
- Led cloud-native architecture for 100+ microservices on AWS and EKS, improving platform scalability and service reliability.
- Directed 4 cross-functional teams (15+ engineers) through architecture governance, strengthening delivery quality and technical alignment.
- Built a Terraform, Helm, and ArgoCD GitOps operating model, improving release standardization and auditability.
- Implemented observability with Prometheus, Grafana, and ELK, reducing incident detection and resolution time.
- Reduced deployment cycle time by 40% through reusable platform modules and standardized DevSecOps pipelines.
- Earned multiple Siemens STAR Awards for architecture leadership and measurable platform outcomes.

Software Development Team Lead | Jul 2019 - Oct 2022

- Led engineering delivery for DEMS platforms supporting distributed grid assets and predictive optimization at enterprise scale.
- Modernized build and release pipelines through Ant-to-Gradle migration and CI/CD automation, improving release readiness and developer throughput.
- Improved build and execution efficiency by 60% through pipeline optimization and containerized testing.
- Mentored 15+ engineers in quality-first delivery, agile execution, and DevSecOps practices.

Etisalat Software Solutions Pvt Ltd | Dubai, UAE

Solutions Architect | Jan 2017 - Feb 2019

- Led architecture for platform serving 200+ million subscribers, ensuring scale, resilience, and service continuity.
- Translated growth and reliability goals into modular services and API-first platform designs.
- Accelerated modernization from monoliths to modular microservices, improving release agility and maintainability.
- Delivered high-throughput messaging and authentication platforms processing 100K+ daily transactions.
- Earned two Etisalat Hero Awards for innovation and delivery excellence.

Software Development Tech Lead | Aug 2014 - Dec 2016

- Led engineering delivery for platform services at global subscriber scale, improving system throughput and operational reliability.
- Drove service modernization from monolithic components to modular boundaries, enabling faster release cycles and lower change risk.
- Led engineering quality for Java and Spring services, REST APIs, caching layers, and integration workflows.
- Built foundational messaging, authentication, and OTP capabilities.

EARLIER CAREER HISTORY

- Selected roles (2006-2014): Software Engineer, Senior Software Engineer, and Senior Solution Integrator across Aithent, Digivision, and Ericsson; focused on software engineering and system integration foundations.

EDUCATION

- Bachelor of Information Technology, Punjab Technical University, India (2006)
- Diploma in Computer Science and Engineering, Thapar Polytechnic, India