

Senior Architect – Platform Engineering

Summary

Seasoned Senior Architect (Platform Engineering) with 18 years of experience guiding organizations to build high-performance, secure, and reliable solutions using cutting-edge technologies. Expertise spans platform engineering, application development, infrastructure automation, and modernizing legacy systems for the cloud. Significant experience across Telecom, Energy, Payments, Ed-Tech, Travel, Transportation, and Construction sectors—with proven adaptability and industry insight.

Professional Qualifications

- AWS Certified Solution Architect Associate
- AWS Certified Developer Associate
- AWS Certified SysOps Associate
- Hashicorp Certified Terraform Associate
- Hashicorp Certified Vault Associate
- Certified Kubernetes Administrator (CNAF)
- Bachelor's Degree in Engineering and Technology

Career Profile

- **Technical Leadership:** Hands-on technical leadership in cross-functional teams to create bespoke software products; end-to-end client engagement from requirements to delivery.
- **Cloud Architecture:** Expertise in architecting cloud solutions, especially AWS-based, aligned with business goals and contexts.
- **DevOps:** Skilled in designing DevOps solutions utilizing cloud-native and external tools for streamlined operations.
- **Discovery & Presales:** Lead in engagement discovery, solution design, and implementation for digital transformation projects.
- **Programming:** Proficient in Python, TypeScript, Node.js, Java.
- **Agile Project Management:** Facilitator for agile ceremonies, estimation, and alignment of technical delivery with user/business objectives.
- **Stakeholder Communication:** Deliver impactful technical presentations to a range of stakeholders and executive audiences.

Technical Proficiencies

- **IaC:** CloudFormation, Terraform, AWS CDK
- **Containers:** Docker, Kubernetes, ECS, EKS, ECR, Helm, ArgoCD
- **Serverless:** Serverless Framework, AWS SAM
- **Programming/Scripting:** Java, Bash, Python, TypeScript, Node.js
- **Observability:** OpenTelemetry, Prometheus, Grafana, Datadog
- **CI/CD:** Azure DevOps, GitHub Actions, Bitbucket Pipeline

Employment History

- Technology Consulting Firm (Jan 2022 – Present)
 - Senior Architect – Platform Engineering (Jan 2022 – Present)
 - Architect – Platform Engineering (Apr 2021 – Dec 2021)
- Public Sector Corporation (Jul 2019 – Apr 2021)
 - Senior Application Technical Specialist (Jul 2019 – Apr 2021)
 - Senior Technical Specialist (Jul 2019 – Apr 2021)
- Technology Consulting Firm (Feb 2014 – Aug 2015)
 - Software Design Engineer
- Global IT Firm (Apr 2006 – Feb 2014)
 - Technology Lead

Project History (Selected Highlights)

VMware Application Cloud Migration (Jul 2024 – Present)

Migration Lead / Cloud Architect

- Led the end-to-end cloud migration of a complex, business-critical VMware-based application suite to AWS, ensuring operational continuity and security modernization.
- Developed and evaluated multiple migration strategies, including “lift and shift” and cloud-native re-architecture, to identify the optimal approach for scalable future-state infrastructure.
- Automated provisioning and configuration via Terraform and AWS Application Migration Service, reducing manual effort and risk.
- Established cross-team technical and operational processes for migration, and provided subject matter expertise throughout planning, cutover, and optimization phases.
- Ensured cloud security controls (IAM, encryption, networking) and implemented enterprise-level observability using Prometheus, OpenTelemetry, and Grafana.
- Provided documentation and hands-on knowledge transfer to in-house teams to support ongoing management and cloud best practices.

Cloud Native Integration Platform & CI/CD Platform Enablement

Platform Engineering SME / Presales Support (May 2024 – Present)

- Developed conceptual architectures, project plans, and estimates for cloud native integration and enterprise CI/CD platforms, focusing on security, compliance, and migration from legacy deployment tooling.
- Conducted DevOps maturity assessments and delivered prioritized recommendations to technical leadership.

Authentication Modernization & Multi-App Cloud Migration

Engagement / Technical Delivery Lead

- Led migration and security uplift of legacy authentication and cloud migration for over 50 applications utilizing AWS, automation pipelines, and Zero Trust principles.
- Designed and delivered high-level and target-state architectures, leveraging AWS, Azure AD, API Gateway, Lambda, and private networking.

CI/CD Standardization and Cloud Transformation

Platform Architect / Technical Delivery Lead

- Delivered standardized, secure CI/CD pipeline onboarding, best-practice policy enforcement, and Kubernetes microservice deployment automation for a large transportation enterprise.

Infrastructure and Application Modernization

Platform Architect / Technical Delivery Lead

- Architected high-availability, multi-region AWS networking, robust observability solutions, and security-compliant CI/CD for modernization projects in the energy sector.

Additional roles in cloud platform engineering, DevOps enablement, and AWS-centric application modernization, with responsibilities including technical mentorship, CI/CD buildout, security controls implementation, and multi-account management in several large organizations across diverse industries.

Education

- Bachelor's Degree in Engineering and Technology

Certifications

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