

YESHWANTH N

TECHNOLOGY ARCHITECTURE ASSOCIATE MANAGER

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SUMMARY

Certified Technical Architect with **13 years** of experience in designing and delivering scalable, cloud-native platform solutions using GCP & Kubernetes. Currently serving as a **Platform Architect at Accenture Google Business Group**.

- Proficient in GCP managed services, with expertise in architecting secure private GKE environments, implementing DevSecOps practices, and establishing robust landing zones for enterprise workloads.
- Led platform modernization initiatives, notably for a major client in the mining and logistics sector in Australia, directing a team of engineers to accelerate cloud transformation at scale.
- Skilled in end-to-end application migration strategies, optimizing cluster topology, and implementing automated frameworks like GDC Accelerator to streamline onboarding and ensure operational consistency.
- Extensive experience integrating service-mesh observability and automation tooling to enhance resilience and visibility across multi-cloud and hybrid deployments.
- Trusted advisor for enterprise cloud transformation journeys, aligning technical architecture with business objectives to foster continuous improvement and operational excellence.

Proficient in MuleSoft offerings and deployment models, with a proven track record of implementing seamless integrations across SaaS and domain-oriented systems, including Salesforce CRM, Workday, SAP and so on.

- Served as Technical Architect in the MuleSoft practice and contributed to Accenture's Integration Centre of Excellence (ICE), establishing integration best practices and governance.
- Extensive experience in modernizing applications using cloud-native architecture patterns and API-led connectivity.

EDUCATION

2008 - 2012

V R Siddhartha
Engineering College,
Vijayawada,
Andhra Pradesh

Bachelor of Technology, Computer Science Engineering

- Grade: A

Activities and societies: Member of District Sports Authority (DSA) - Boxing, Krishna Dt.

EXPERIENCE

| | |
|----------------|---|
| 2017 - Present | Technology Architect Associate Manager |
| Accenture | <ul style="list-style-type: none">• Technology Architect Team Lead• Application Development Team Lead• Application Development Senior Analyst |
| 2016 - 2017 | |
| Cognizant | <ul style="list-style-type: none">• Senior Consultant - App Integration |
| 2012 - 2016 | |
| HCL | <ul style="list-style-type: none">• Consultant• Sr Software Engineer |
| Technologies | <ul style="list-style-type: none">• Software Engineer |

SKILLS

- **Platform Engineering & Cluster Management** – K8s, Large-scale
- **Multi-Cloud** – Google Cloud Platform, AWS
- **Programming & Backend Development** – Java, Spring Boot, Python, Mulesoft
- **GenAI-Powered Platform Observability** – K8sGPT
- **VMware Ecosystem** – vSphere, vCenter, Tanzu App Services
- **Service Mesh Traffic Management** – Istio, Anthos Service Mesh
- **Infrastructure as Code (IaC)** – Terraform
- **Configuration Management** – Anthos Config Sync, Ansible
- **CI/CD Pipeline Design & Automation** – Cloud Build, GitOps, Jenkins, ArgoCD
- **Cloud-Native Integration Patterns** – Pub/Sub, API Gateway, Event-driven Architectures
- **Cloud Security & Compliance** – OPA Policy Gatekeeper Enforcement
- **Monitoring & Observability** – Prometheus, Grafana, Splunk
- **Advanced Networking** – VPC Design, Landing zone set-up, Hybrid Connectivity
- **Enterprise Integration** – MuleSoft, API-led Connectivity, SaaS & Conversational AI Integration
- **Agile Delivery** – Scrum, Stakeholder Engagement

CERTIFICATIONS

- Accenture Certified Technical Architect - 2021
- GCP Professional Architect - 2018 (AGBG)
- Prof. Cloud Architect - 2022
- MuleSoft Certified Platform Architect Level 1- 2022
- Solcae Certified Solutions Consultant - 2021
- Mulesoft Certified Developer - Integration and API Associate - 2015
- API Design Associate - 2016

RECOGNITIONS

- 3x Accenture’s Certificate of Excellence winner
- Accenture’s APEX award
- Rewarded as SHINING STAR by Cognizant

PUBLICATIONS

- Cloud Security Reference Architecture - 2021
- DZone: Synchronizing Paginated Dataset by MuleSoft: An Event-Driven Approach - 2019

PROJECTS

| | |
|----------------------|---|
| 2023 - 2024 | Project 10 |
| Tools & Technologies | Kubernetes (GKE Enterprise 1.28), Multi cloud (GCP, OCI), Serverless (CloudRun), Kustomize, Helm, Networking, Service Mesh, Terraform, Jenkins, DynaTrace, Open Telemetry, Hashicorp Vault, Anthos Fleets, K8sgpt |

App modernisation & Platform Architect

- Managed DBT (Design, Build, Testing) of Landing zone & delivered secure, scalable GKE Enterprise clusters for 10+ production workloads, adhering to Google Cloud best practices, with 99.99% uptime and compliance with client-specific regulatory and performance requirements.
- Designed and implemented multi-cloud Anthos Fleet governance across 3 regions and 5 clusters, automating 90% of policy sync, cluster registration, and observability using Ansible, reducing manual errors by 80%.
- Established secure cluster posture using Anthos Config Management, Service Mesh, and GCP IAM, enabling Workload Identity for 100+ service accounts and enforcing least-privilege RBAC for 8 application teams.
- Deployed service mesh for air-gapped GKE clusters, managing encrypted north-south traffic via gateways, resulting in 100% policy-compliant intra-cluster communication under isolation constraints.
- Defined and operationalized 15+ user personas and access models, ensuring secure access for over 60 platform users through Cloud Identity, RBAC, and IAM integrations.
- Integrated GKE clusters with enterprise-grade security tools, conducting weekly OS vulnerability scans using Trivy, achieving a 95% threat mitigation rate and full alignment with CIS Benchmarks and OPA policies.
- Facilitated 12+ internal knowledge-sharing sessions and created reusable playbooks, accelerating platform onboarding time by 50% and increasing self-service adoption across platform teams.
- Engineered secure networking for GKE clusters, integrating with WAF via ILBs, managing over 25 custom DNS entries and Private Service Connect endpoints for seamless on-prem, cloud connectivity.
- Enabled production deployment of cross-functional workloads (Digital-Eye, Cequence, GO) on shared tenancy clusters, optimizing resource utilization and reducing cross-team onboarding time by 40%.

2022 - 2023

Project 9

Tools & Technologies

Kubernetes (GKE 1.23), Serverless, Docker, Helm, Tanzu App Services, Anthos on VMWare (GDC Virtual), Kustomize, Helm, Policy Admission controller, config-sync(gitops), Networking, Service Mesh

Platform Lead

- Conducted a comprehensive performance and scalability evaluation between GKE Autopilot and Cloud Run, benchmarking 200+ containerized microservices.
- The assessment considered cold start latency, autoscaling efficiency, service mesh compatibility, cost per request, and deployment velocity, guiding the modernization strategy with a 35% reduction in projected TCO.
- Engineered and deployed sidecar containers in Cloud Run environments by leveraging HashiCorp Vault agents to facilitate dynamic secrets injection.
- Optimized application observability by integrating Dynatrace OneAgent as a sidecar, improving log traceability and transaction-level monitoring across 100+ Cloud Run services with negligible startup latency.
- Successfully executed a zero-downtime migration of over 1,200 user identities from on-premises Active Directory (AD) to Google Workspace Directory using secure AD Sync.
- Integrated identity groups with Google Groups for GKE RBAC, enabling fine-grained user authentication and authorization across multiple Kubernetes clusters in production.
- Designed and implemented a segmented VPC architecture with custom subnetting strategy across three regions, supporting internet-facing workloads via Cloud NAT, L7 Load Balancer, and Istio IngressGateway.
- The plan ensured IP address alignment with RFC1918 guidelines and future growth, while achieving 99.99% SLA-compliant ingress/egress availability for production traffic.

2022 - 2023

Project 8

Tools & Technologies

Kubernetes (GKE 1.23), Anthos on VMWare (GDC Virtual), Kustomize, Helm, Policy Admission controller, config-sync(gitops), Networking, Service Mesh

Platform Engineer

- Led provisioning and configuration of Anthos clusters on VMware vSphere by estimating compute, network, and storage resources, aligning with organizational standards on IP sizing and naming.
- Conducted cluster preflight validations and deployed base clusters with essential add-ons per ISR and EA guidelines, reducing build errors by over 90%.
- Enforced cluster-wide default-deny policies with secure exceptions for required apps; resolved more than 95% of system and workload-level policy violations.
- Collaborated with Telecom and Network teams to resolve firewall, routing, and corporate proxy issues, ensuring smooth multi-cluster rollout.
- Created runbooks and led over six working sessions to enable Ops teams on Anthos cluster lifecycle, secure configuration, and policy enforcement.
- Supported Application teams by customizing RBAC, defining network policies, and enabling secure CI/CD integration with least-privilege access.
- Maintained a technical debt log tracking backlog items, security patches, and infra dependencies, reducing remediation turnaround time.

- Adhered to process compliance with consistent status reporting, risk escalation, and completion of all client and internal certifications.
- Identified infrastructure and configuration issues early, escalated blockers proactively, and helped mitigate project delays.
- Acquired and applied advanced skills in Anthos, Kubernetes governance, and multi-tenant cluster organization, accelerating platform readiness.

2021 - 2022

Project 7

Tools & Technologies

Mulesoft RuntimeFabric 4.1, Solace PubSub, Azure Devops, Splunk, APIGEE, .Python, Integration Centre for Enablement

Platform Engineer

- Led the design, build, and testing of logical separation of Integration platforms across ICE and Asset teams, aligning with federated operating model.
- Proposed enhanced personas and security architecture to support federated access control and operational segmentation.
- Contributed to ICE SharePoint documentation with self-service workflows, platform design, and end-to-end operational test scenarios.
- Enabled environment owners with up-to-date platform capabilities, improving cross-team operability and reducing incident response times.
- Coordinated with Cloud First, DNS, and Network teams to provision hosts and routing rules for asset-specific environments.
- Executed a new Azure DevOps project structure that aligned with Client's org isolated by BHP org structure and unified by ICE capabilities

Integration Architect

- Embraced 6 Core ICE Capabilities and thoroughly ensured the app teams are obliged to those throughout the delivery.
- Ensured the project architects received best suitable solutions with rational efforts for the demand requests by leveraging the integration capabilities. Total Solutions proposed: ~ 7
- Delegating demand deliverables and tracking daily activities of individual developers during stand-up and reporting to Demand manager. Total demands Governed & Delivered: 14
- Driven the delivery of API Connect migration and simultaneously owned the delivery of critical demands per clients request to support assets at key sites; while the team is at its lowest potential due to rapid expansion/covid impact. Total APIC Proxies Migrated: 10
- Identified technical gaps/deviations within Legacy applications and convinced project architects for enhancements by publishing Current and Target states. Total Refactoring work procured ~ 6 days
- Enabled team for Hybrid Platform Migration (Mulesoft to Microsoft Azure) and contributed towards Migration Strategy. conducted KT sessions for 7 Integrations and ~16 APIs

2017 - 2018

Project 6

Tools & Technologies

Mulesoft Runtime 3.8, 3.9 EE, CloudHub, Anypoint Studio, MUnit, API Management Console, Redis MemCache, Drools, IBM Watson.

Integration Architect

- Designed and Led the delivery of critical Mulesoft APIs such as VA controller, Dialog and Integration with Sentiment & Intent Analysis.

- Delivered Mulesoft archetypes incorporating Integration best-practices and CoE guidelines.
- Enhanced APIs to support dynamic forms, Evaluated IBM Watson's conversational services and orchestrated interactions with virtual bots using API-led and facade patterns.
- Implemented Conversation-state retention using Redis Cache. Achieved a 94% reduction in chat volumes; with an enhanced quality of assistance and decreased response times for end-users.
- This initiative led to a 6% increase in business during the first quarter.
- Governed the delivery of approximately 60 use cases, facilitating technical review sessions with AI and business teams to identify anti-patterns.
- Bridged the gap between business and technical teams to ensure alignment and successful implementation.

2016 - 2017

Project 5

Tools & Technologies

Mulesoft Runtime 3.8.3 EE, CloudHub, MS Visio, Anypoint Studio, MUnit, API Management Console, Microsoft SQL, Apache JMeter and POSTMAN.

Integration Lead

- Evaluated the scope of integration by analyzing SOW & organized technical workshops.
- Explored Client specific best practices, coding standards, authentication mechanisms, naming conventions and adhered them diligently in all APIs.
- Proposed Message format including API headers, request and response objects, Status codes by syncing up with source and target teams.
- Configured beans for storing sensitive information such as DB and other endpoint credentials, as it secures the credentials during an exception.
- Defined API specifications using RAML 1.0, created API Portals, configured Auto Discovery and enabled Client ID Enforcement policy for client-authentication
- Created and configured self-signed keystore cert for restricting API communications only through SSL.
- Aggregated and orchestrated multiple micro services, maintained clear content routings for US and CA regions.
- Restricting the logging to key identifiers during process and exception phases.
- All the component's, connector's & app specific runtime properties are parameterized to different files with reference to target environment.
- Configured Connector Reconnection Strategies and Until successful scopes within permissible SLAs - API specific and during SLA breach an alert will be triggered to the support team with adequate information on the connection failure.
- Created and configured DB Instances, SQL join queries for rational data extraction, triggers in DB.
- Captured Design, Implementation, along with unit and performance test scenarios, screenshots in a Technical Handoff document and shared with Mulesoft support team before handing over the project for go live.

2015 - 2016

Project 4

Tools & Technologies

Mule EE 3.8 Runtime, CloudHub, AWS Stack, OAuth

Integration Lead

- Created Technical Design specification leveraging API-Led connectivity for Registration flow including Error Handling.
- Designed, developed and maintained all aspects of delivery of Attendee Registration process by adhering client specific best practices.
- Implemented OAuth security within Mule APIs, by using Stormpath as the service provider.
- Created custom exception strategies and transformers for message manipulations and Redshift Timestamp Conversions.
- Well versed with Amazon stack & integrated S3, SQS for reliable communications and SES for triggering alert emails during system failures
- Published SOAP webservices in Mule extending JAX-WS, JAXB.
- Validated data integrations by executing automated unit tests using postman scripts for APIs.
- Prepared Release Notes, Resolution Documents and RCA for bugs and shared within the team.
- Prioritized workload; and ensured service-level agreements are met.
- Regularly Checked in Projects to BitBucket to achieve Continuous Integration.
- Worked in a team environment, following agile methodologies.
- Collaborative with IT peers including application teams, infrastructure, middleware, vendors and partners.
- Provided hands on training, demos to colleagues and new employees.

2014 - 2015

Project 3

Tools & Technologies

EAI, Mule ESB 3.6 EE, ReST APIs

Sr Mulesoft Developer

- Analyzed Business Requirement Documents and Wireframes for understanding the scope of Integration using Mule ESB.
- Designed synchronous APIs for various LOBs (WFA, TRE and MIGA), accumulating artifacts, schemas coordinating with source and target teams.
- Enabled downstream systems by integrating with BPM systems using Rest APIs.
- Integrated Sharepoint's UI services with PEGA workflows for Business approval process.
- Created stored procedures for storing data into multiple views in Oracle database.
- Integrated multiple entities in Microsoft Online CRM with Oracle DB.
- Implemented Orchestration processes for Content based routing to avoid performance issues.
- Reused most of the sub flows by implementing controller and worker mechanism within the projects.
- As an offshore Deployment coordinator deployed the client validated projects to Mule Dev instance(Mule Management Console-EE).
- Created Mailbox service for triggering notification alerts to teams and individuals, included logging mechanism for quick identification of error points.
- Fixed the issues in the Dev Instance and re-deployed the enhanced projects.
- Always adhered the development best practices include naming and integration standards.
- Coordinated with testers during Integration and Functional Testing.
- Completed all the userstories within the timeline and promoted all the projects to MMC Prod server.

2013 - 2013

Project 2

Tools & Technologies

JavaEE, Oracle BPEL 11g, Salesforce CRM, OEPE, JDeveloper, Junit

Integration Developer

- Refactored BPEL Integrations among Salesforce 'native' Applications (Workday, Supportforce, Active Directory).
- Fixed the reported issues in Production and ensured performance of the web services.
- Validated the processes in terms of load balancing, performance, before releases.
- Performed Unit and Integration Testing, Fixing issues in automated Test framework (FTest).
- Organised KT on Functionality as well as existing Integrations and Environment Setup to the new Team members.
- Configured Jdeveloper IDE to Oracle Databases and BPEL Servers, Worked on Eclipse IDE for fixing Junit test cases.
- Build, Deploy and Execute ftest using antscript commands.
- Daily status updated to Onsite team through Stand-up calls.
- Attended Functional Training sessions on SCRUM methodology and Coupa application.
- Updated Technical Documents about the Integration flow if any fixes made to the Integrations.

2012 - 2013

Project 1

Tools & Technologies

Java EE, Oracle SOA suite 11g, OSB, Weblogic server, JDeveloper 11.1.1.5.

Java Developer

- Upgraded the required skill set for the project - self studied EAI, SOA, Web services.
- Completed course on ILOG JRules for integrating Business rules with OSB services, Oracle09-Java Certified Programmer version 6 Certification.
- Following the Best Practices for meeting the code standards.
- Developing Java embedded services and unit testing.
- Completed course on IBM BPM v8.0.

PROFESSIONAL AFFILIATIONS / COMMUNITIES

- Member, **Google Cloud Innovators**
- Member & Adviser, **Accenture Google Business Group**
- Member, **Integration Centre for Enablement**