Basavaraj Halasur
Principal Architect | Enterprise Platform & Governance Strategy

Mobile: +91 - 7975153507 | E-mail: basavaraj.halasur@gmail.com | LinkedIn: linkedin.com/in/basavaraj-halasur/

Executive Summary

Enterprise-scale technology and platform leader with 15+ years of experience shaping platform strategy, governance, and large-scale modernization across Tier-1 banks and global telecom organizations. Demonstrated authority in technology portfolio rationalization, regulatory-aligned architecture decisions, and resilience engineering for mission-critical platforms operating at national scale. Trusted advisor to CXOs and senior leadership for decisions where technology risk, business continuity, and long-term operating models intersect.

Core Leadership Capabilities

- Enterprise Platform & Technology Governance
- IT Portfolio Rationalization & Vendor Strategy
- Regulatory, Risk & Control-Based Architecture
- Large-Scale Migration, Modernization & Decommissioning
- Platform Resilience, Availability & SRE Operating Models
- API, Integration & Digital Platform Strategy
- Cloud Governance, Enablement & Control Frameworks
- Security Architecture Boundaries & Defense-in-Depth
- Executive Stakeholder, Board & Vendor Engagement

Data Platforms & Analytics Expertise

- **Apache Spark (Batch & Streaming):** Architected and optimized large-scale distributed data processing pipelines for high-volume enterprise datasets, applying partitioning, caching, and performance tuning strategies.
- **Scala:** Developed scalable Spark-based data processing frameworks using Scala, leveraging functional programming paradigms for maintainable and high-performance solutions.
- **Apache Hive:** Designed Hive-based data warehousing solutions for structured and semi-structured data, including schema design, partitioning, and query optimization.
- **AWS Glue:** Built serverless ETL pipelines for data ingestion, transformation, and metadata management, integrating Glue with S3, Athena, Redshift, and analytics platforms.
- **Databricks:** Designed and implemented lakehouse architectures using Databricks, Spark, and Delta Lake to unify data engineering and analytics workloads.
- **Informatica (PowerCenter / Cloud):** Designed enterprise-grade ETL workflows integrating heterogeneous source systems, ensuring data quality, lineage, and governance.

Professional Experience

Principal Architect / Enterprise Platform Strategy Lead

(Banking, Payments, Telecom | Multi-Enterprise Engagements)

Provided enterprise-level platform leadership across regulated and large-scale environments. Accountable for defining platform strategy, governance models, and architectural direction for API, integration, cloud, digital, and data platforms.

- Architected enterprise-scale data platforms leveraging Spark, Hive, and cloud-native services to support analytics, reporting, and regulatory workloads.
- Led modernization of legacy ETL and data warehouse platforms to cloud and lakehouse architectures using AWS Glue and Databricks.
- Defined data governance, security, and access control models for large-scale data platforms in regulated environments.
- Designed and optimized high-volume batch and streaming data pipelines processing millions of records daily with strong SLA commitments.
- Integrated Informatica-based ETL pipelines with modern cloud data platforms to enable hybrid and phased migration strategies.
- Enabled data-as-a-product and self-service analytics by aligning platform design with business, risk, and compliance stakeholders.

SIDGS – ICICI Group | API & Integration Platforms (2023 – Mar 2025)

- Drove consolidation of multiple enterprise API gateway platforms into a single strategic platform, reducing platform sprawl and strengthening governance.
- Architected two distinct API gateway platforms for retail/partner and corporate banking traffic, each deployed across three active-active sites with near-zero RTO.
- Led migration of 700+ partner APIs and 500+ mobile banking APIs across heterogeneous platforms with strong risk mitigation strategies.
- Modernized legacy middleware into a microservices-driven integration architecture.
- Scaled platform throughput from ~2,000 TPS to ~10,000 TPS while introducing SRE practices.

SIDGS – HDFC Bank | API Federation & Security Architecture (2023)

- Designed a federated API gateway layer to unify authentication, authorization, and façade APIs across multiple backend gateway implementations.
- Introduced semantic abstraction to decouple consumer-facing APIs from backend implementations.

SIDGS – BDO Unibank | Retail Payments Modernization (2022 – 2023)

- Re-architected mobile-based retail payments platforms addressing performance and scalability challenges.
- Led migration of API gateway platforms to public cloud environments.
- Strengthened observability, cybersecurity, and cloud DMZ controls for payment workloads.

FirstLSI – Telstra (Australia) | Cloud Governance & Enablement (2021 – 2022)

- Designed enterprise cloud governance frameworks covering identity, security logging, observability, tagging, and connectivity.
- Enabled and governed cloud modernization initiatives for multiple application teams.

Earlier Career – Platform Foundations & Scale-Building Roles (2008 – 2018)

Built strong foundations in enterprise integration, API platforms, distributed systems, and data-driven applications across regulated and scale-intensive domains.

Education

Bachelor of Engineering – Mechanical Engineering
SJCE Mysore (VTU, Belgaum)

Certifications & Professional Development

- CGEIT (Planned / In Progress)
- CDMP (Planned)
- Extensive hands-on and leadership experience across public cloud platforms