

# Rahul Dnyaneshwar Kolhe

Assistant Vice President | Technology Lead | Cloud & Digital Transformation

Technology Strategist | AVP – Driving Digital Banking Innovation, Cloud Transformation & Enterprise Resilience



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## Professional Summary

Technology leader with **19+ years of experience in banking and financial services**, specializing in **cloud transformation, microservices architecture, and platform engineering**. As **Assistant Vice President & Technology Lead**, I bring a proven track record of **driving enterprise-scale digital modernization**, shaping **technology roadmaps**, and leading **global engineering teams** to deliver secure, scalable, and business-critical solutions.

I combine deep technical expertise in **cloud-native systems, SRE, and DevOps** with a strong ability to **mentor teams, influence enterprise architecture standards, and align IT delivery with strategic business objectives**. Recognized as a **trusted advisor and thought leader**, I have consistently delivered programs that improved **customer trust, accelerated product innovation, and enabled digital adoption in banking ecosystems**.

## Strategic Impact & Achievements

- **Shaped enterprise banking transformation** by modernizing legacy platforms into **cloud-native microservices architectures**, delivering **40% cost savings** and **enterprise-wide scalability**.
- **Accelerated product innovation** by building reusable templates, design patterns, and component libraries adopted by global teams, reducing **onboarding time for junior developers** and ensuring **enterprise coding standards**.
- **Advanced operational resilience** by architecting **end-to-end SRE solutions** with Prometheus, Grafana, and Zipkin, enabling **40% MTTR reduction** and **regulatory-grade observability**.
- **Championed innovation** by developing frameworks and accelerators that were **adopted across multiple programs**, driving standardization and increasing delivery velocity.
- **Delivered business impact** by leading cross-functional teams to launch **mission-critical banking applications** that improved customer experience, reduced processing risks, and enhanced compliance.
- **Trusted advisor to senior stakeholders**, shaping enterprise technology strategy, influencing global architecture councils, and driving organization-wide transformation
- Improved customer trust and digital adoption by delivering regulatory-grade secure architecture
- **Recognized thought leader**, awarded **Best Emerging Leader, Delivery Excellence, Idea Champion, and Associate of the Quarter** for contributions to innovation, delivery governance, and engineering excellence.

## Innovation & Thought leadership

- Published solution patterns and accelerators adopted across global teams.
- Speaker/presenter in internal technology councils and industry forums.

- Recognized for influencing strategic digital transformation initiatives.
- Contributed to enterprise-wide innovation forums, influencing future digital banking platforms
- Acted as a mentor for leadership programs, developing next-generation engineering

## Core Competency

- **Frontend/UI:** Micro-Frontend, React.js, Angular, HTML5, CSS3, Bootstrap, Karma/Jasmine/Jest, AG grid
- **Backend & APIs:** Java, J2EE, Spring Boot, REST/SOAP, Reactive Microservices, JPA, Hibernate, Rsocket, Scala, nodejs, Redis, Kafka
- **SRE & Observability:** Prometheus, Grafana, Micrometer, Zipkin, Sleuth, Alerting Frameworks, Reliability Testing, SLI/SLO/SLA governance.
- **Cloud & DevOps:** AWS (Lambda, API Gateway, Cognito, SNS, SES, SQS, IAM), GCP, OpenShift, Kubernetes, Docker, Jenkins, Maven, Gradle, Github Actions, Jenkins
- **Architecture:** Microservices patterns, DDD, Event-Driven Architecture, Clean Architecture, TDD, J2EE Patterns
- **Databases:** Oracle, PostgreSQL, DynamoDB, DB2, MySQL, MongoDB
- **Testing:** JUnit, TestNG, Cucumber, Loadrunner, Apache jmeter, Gattling,
- **Other:** IBM Mainframe, COBOL, JCL, VSAM

## Experience

- DBOI Global Services Private Limited – (2020 – **Present**)  
Assistant Vice President / Senior Engineer
- Cognizant Technology Solutions - (2008 – 2020)  
Delivery Lead
- Lionbridge Technology - (2004 – 2008)  
Software Engineer

### → DBOI Global Services Pvt. Ltd. (2020 – Present) -

- ◆ **Architected and delivered** cloud-native, event-driven microservices solutions with Spring Boot, RSocket, and API Gateway, **enhancing system scalability and performance by 3X.**
- ◆ **Designed and implemented** micro-frontend applications (React, Webpack Module Federation) to improve UX and **accelerate product delivery cycles.**
- ◆ **Established UX standards** and developed a reusable component library (>100 UI components), **ensuring consistent digital experience across enterprise platforms.**
- ◆ **Pioneered innovative solutions**, including an automated dependency update framework (Renovate Bot in CI/CD) and downstream workflow redesign, which reduced maintenance effort by 70% and eliminated \$500K in licensing costs.

- ◆ **Developed standardized templates, reusable frameworks, and design patterns** adopted by junior developers, reducing onboarding time and ensuring coding best practices across teams.
- ◆ Created a **centralized component library and coding guidelines**, improving code quality, reusability, and consistency across multiple banking applications.
- ◆ **Mentored and coached junior developers**, accelerating their technical growth and enabling faster delivery of high-quality solutions.
- ◆ Drove adoption of **innovation-led accelerators and solution patterns**, scaling productivity improvements across multiple projects.
- ◆ **Led enterprise DevOps transformation**, automating CI/CD pipelines with GitHub Actions, Docker, and Kubernetes, **reducing release cycles from 2 months to 2 weeks**.
- ◆ **Migrated legacy ETL workflows** (577 feeds) into microservices-based architecture, saving **\$500K annually in licensing costs**.
- ◆ **Championed security-first architecture**, implementing OAuth 2.0 and 2FA to achieve **100% regulatory compliance** across banking applications.
- ◆ **Designed and implemented enterprise-grade SRE solutions**, integrating monitoring, alerting, and observability into mission-critical banking applications.
- ◆ Built **end-to-end observability framework** using Prometheus, Grafana, Micrometer, Zipkin, and Sleuth, enabling proactive issue detection and reducing MTTR by 40%.
- ◆ Developed **SRE-driven SLIs/SLOs/SLAs**, providing transparency into system reliability and improving stakeholder confidence in production stability.
- ◆ Automated incident management workflows with **alerting dashboards and self-healing mechanisms**, significantly reducing downtime.
- ◆ **Integrated SRE practices into DevOps pipelines**, ensuring reliability testing and resilience engineering became part of release cycles.
- ◆ **Contributed multiple innovative frameworks and accelerators** that were adopted as reusable assets across teams, driving organization-wide efficiency and standardization.
- ◆ **Collaborated with business leaders** to align technology roadmaps with digital transformation strategy, enabling faster go-to-market for financial products.

#### → **Cognizant Technology -**

- ◆ **Directed digital transformation programs** for global banks, migrating legacy platforms to **cloud-native architectures** (AWS, Oracle Banking Platform).
- ◆ **Delivered mission-critical solutions** for debit/credit card processing, loan origination, and collections & recovery, improving **transaction efficiency and reducing processing costs**.
- ◆ **Led and mentored** teams of 25+ engineers, driving performance management, skill development, and **building future technology leaders**.

- ◆ **Defined and implemented** enterprise architecture standards, leveraging **microservices, REST APIs, and integration with OBP core banking modules**, improving **product launch timelines**.
- ◆ **Drove innovation** by conceptualizing and piloting multiple solution accelerators that reduced development effort and enabled faster onboarding of projects.
- ◆ **Partnered with stakeholders** (business & technology) to define product roadmaps, ensuring **alignment with strategic business goals**.
- ◆ **Facilitated SAFe Agile adoption**, improving **release predictability, stakeholder satisfaction, and delivery velocity**.
- ◆ **Introduced solution accelerators, code templates, and reference architectures** that streamlined development for large-scale banking programs.
- ◆ Enabled **junior and mid-level developers** to deliver production-grade features faster by providing **ready-to-use design patterns and reusable modules**.
- ◆ Conducted **technical training sessions and code reviews**, institutionalizing engineering excellence across teams.

#### → **Lionbridge Technology -**

- **Developed and maintained** web applications for insurance and financial clients using Java/J2EE, delivering **secure and high-performance solutions**.
- **Built secure data integration workflows**, improving **data accuracy and reducing risk in financial systems**.
- **Contributed to QA automation**, cutting regression cycle times by **30%**.

#### **Certifications -**

- DB Cloud Engineer
- DB Cloud Data Engineer
- Certified Scrum Master (CSM)
- SAFe Agile Certified
- Udemy certifications: Microfrontend, Rsocket, Redis masterclass

#### **Education -**

Bachelor of Engineering (B.E.) – 2003, Badnera College of Engineering, Amravati

#### **Recognition & Awards -**

Consistently recognized for **leadership, innovation, and delivery excellence**, including:

- ★ **Best Emerging Leader** – for driving team performance and leadership growth.
- ★ **Delivery Excellence Award** – for ensuring on-time, high-quality delivery of complex programs.
- ★ **Idea Champion Award** – for pioneering innovative accelerators and reusable frameworks.
- ★ **Associate of the Quarter** – for exceptional contribution to business-critical projects.