

# RAMJI SRIDARAN

## TECHNICAL LEAD



### JOB OBJECTIVE

An enterprising professional aiming for senior-level assignments, leveraging wealth of technical skills in **AWS**, **Java**, **Snowflake**, and **Big Data Technologies**.

### CONTACT

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### CORE COMPETENCIES

- Application Development
- Cloud Architecture
- Data Integration Strategies
- Big Data/ Data Migration
- IoT Implementation
- Connected Smart Systems
- Agile/ Waterfall Methodologies
- Technical Roadmapping
- Requirement Gathering & Analysis
- Real-Time Data Processing/ Streaming
- Predictive Analytics
- Production Support
- Stakeholder Engagement
- Team Leadership & Mentoring

### TECHNICAL SKILLS

**Programming Languages:** Java, Python (Basic), JavaScript, Shell Scripts, SQL

**Operating Systems:** Mac, Linux

**Databases:** MS SQL, PostgreSQL, Snowflake, HBase

**Database Version Control:** Liquibase

**Code Version Control:** Git, Bitbucket

**Logging:** Splunk

**Monitoring:** Dynatrace, Datadog

**Servers:** Tomcat, WildFly

**Build Tools:** Maven

**Frameworks:** Spring Boot

**IoT Queueing:** eMqttd, Mosquitto, PAHO

**Code Analysis:** SonarQube, Checkstyle, PMD, SpotBugs

**Tracking:** JIRA

**Cloud:** AWS Services, Snowflake, Client Native Clouds

**BigData:** Kafka, Hbase, Sqoop, Solr, Spark

### PROFILE SUMMARY

- Amassed **over 11 years** of experience in **Java-based web applications**, **Big Data ecosystems**, and **cloud-native architectures**, delivering scalable and high-performance solutions in advertising, financial services, and IoT domains.
- Functioning as a **Technical Lead** at **Dentsu Global Services**, driving development of applications and integration initiatives while ensuring top-notch deliverables.
- Expertise in **cloud platforms (AWS, Snowflake, and client-specific clouds)**, driving data integration, workflow automation, and large-scale data processing, leveraging **cloud solutions for business-critical applications**.
- Strong background in **IoT implementation and analytics**, designing and deploying **sensor-driven monitoring solutions**, **real-time data pipelines**, and **predictive analytics frameworks** that enhance **operational efficiency**.
- Skilled in designing **cloud-native solutions** and **data integration frameworks** that optimize **business processes**, **data flow**, **operational efficiency** at enterprise scale.
- Hands-on experience in delivering **data-driven insights**, **migration of legacy systems**, and **analytical solutions**, enabling enhanced business performance.
- Adept at **developing sensor-driven systems**, **real-time monitoring solutions**, and **predictive analytics frameworks** that improve efficiency & resource management.
- Resourceful in **streamlining workflows**, **improving system reliability**, and **enhancing performance** through **continuous process improvement**.
- People-oriented leader** with skills in building and leading high-performing teams towards the accomplishment of common goals.

### WORK EXPERIENCE

**Dentsu Global Services, Coimbatore | Jun'2021 to Present | Technical Lead**

**Cognizant Technology Solutions, Coimbatore | May'2018 – May'2021 | Associate**

**TATA Consultancy Services, Kochi | Feb'2014 – May'2018 | System Engineer**

#### ***Key Result Areas across the career:***

- Architecting and delivering large-scale **Java applications** and **data processing components** on **AWS**, ensuring high **performance**, **scalability**, and maintainability.
- Leading development of **RESTful APIs** and **microservices** using **Java** and **Spring Boot** for **data ingestion**, processing, and seamless **integration**.
- Implementing **AWS workflows**, including **Simple Workflows**, to automate orchestration of complex **client datasets**.
- Overseeing integration with multiple **external platforms** and **services**, enabling secure **data exchange** and publishing to **social platforms**.
- Designing and optimizing **data pipelines** using **Spark**, **Kafka**, and **streaming frameworks** for real-time and batch processing.
- Managing **data ingestion** and synchronization across **cloud environments**, legacy systems, and **Snowflake**, ensuring consistency and reliability.
- Guiding development of **data transformation logic** and merging programs using **Scala/ Spark** for analytics and downstream consumption.
- Defining **database schemas**, leading **version control**, and executing migrations using **Liquibase** to ensure robust data architecture.
- Automating **data loading processes** using **shell scripts**, **Sqoop**, and **Spark jobs**, while performing **data validation**, reconciliation, and quality monitoring across systems.
- Building internal tools for **data quality monitoring**, **automated testing**, and optimizing workflows for improved **data pipeline performance**.
- Supervising **cloud environments** and **clusters**, leading **feature upgrades**, platform onboarding, integration of new **data types**.

# EDUCATION

**Bachelor in Information Technology**  
M.Kumarasamy College of Engineering,  
Karur, Tamil Nadu, India | 2013

# CERTIFICATIONS

**SnowPro Associate – Platform**

Certification | Jul'2025

**Information Technology Infrastructure Library (ITIL)** | May'2015

**Oracle Certified Professional – Java SE 6 Programmer** | Nov'2013

# PERSONAL DETAILS

**Date of Birth:** 15<sup>th</sup> February 1992

**Languages Known:** English, Tamil, Marathi

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- Supporting **production deployments** with troubleshooting and incident resolution.
- **Working with cross-functional teams** to integrate and synchronize multiple social media platforms, enhancing compatibility and minimizing operational downtime.
- Innovating support for diverse data types, thereby **enhancing the flexibility of data ingestion processes** and improving overall system performance.
- Developing **REST APIs** to facilitate the rollout of new features, thereby accelerating development cycles and ensuring seamless cross-platform interoperability.
- Leading **initiatives for version** and **feature upgrades**, implementing enhancements that optimize data processing workflows and improve efficiency.

## *Highlights:*

- Implemented a **monitoring system** using **Datadog**, which improved **incident response times** by 50%, ensuring higher **service availability** for clients.
- Drove **trainings** for new hires focused on **AWS** and **Snowflake best practices**, achieving a **25% reduction in onboarding time** and increased **team productivity**.
- Implemented a **100% automated workflow rerun process** through **REST API endpoints** accessible to the **Operations team**.
- Spearheaded integration of **automated scripts** for copying **artifacts** within **S3** in **deployment pipelines** using **Jenkins**, reducing **deployment times** by 20% and minimizing **human error** during releases.
- Successfully migrated **2 projects** to **cloud platforms**, resulting in a **10% increase in operational efficiency** and significant **cost reduction**.
- Developed **automated testing suites** that improved **application reliability**, reducing **post-deployment issues** by 50%.
- Optimized **Apache Solr facets**, reducing **search time** by 30%.
- Introduced **in-memory tables** instead of querying **HBase** for **Spark processing**, reducing **processing time** by 50% and receiving formal appreciation.

For project details, kindly refer to [ramji-sridaran.github.io/](https://ramji-sridaran.github.io/)