

Parag Majithia

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Summary

Seasoned Software Technical Lead with 20+ years of hands-on software development and team leadership experience. Proven track record in driving project success through agile methodologies, cloud integration, and cross-functional team collaboration. Proficient in full-stack development, system design, and leading teams through complex technical challenges to deliver high-quality solutions.

Skills

Programming Languages Java, JavaScript, Nodejs, Go, etc

Databases / Search Engine/ Cache: MySQL, Apache Cassandra, Mongo db, Elastic search (SearchEngine), Redis

Frameworks: Spring, Hibernate, JDBC, Express JS

Web / UI Technologies: Javascript, HTML, CSS, Materialize CSS, JQuery

Integration Technologies: RabbitMq, Apache Kafka, Spring-AMQP, JMS

Cloud Solutions: AWS, GCP

Observability: New Relic, App Dynamics, Prometheus, Grafana, Last9, Coralogix, Pagerduty, etc

Tools And Technologies: Git, Docker, Kubernetes, CI/CD pipelines, Github actions, Akamai CDN, Mixpanel, Nginx

Testing Tools: JUnit, Mockito, Gatling, Apache JMeter, Locust (Python), vegeta

Organizational History

Organization	Designation	Duration
Viacom18 Media Private Limited	Senior Director Solutions Architect	Sep 2022 – Till Current Date
Trafigura Global Services Private Limited	Technical Lead	Aug 2019 – Sep 2022
Network 18	Senior Principal Engineer	April 2017 – Aug 2019
J. P. Morgan Services India Private Ltd	Associate 602 (Application Developer)	Sep 2014 – Apr 2017
Dion Global Solution [RIPL - Religare]	Senior Technical Lead (Senior Manager grade)	March 2012 – Sep 2014
Nomura Services India Private Ltd. (Ex: Lehman Brothers)	Team Lead	Feb 2006 – March 2012
Sapient Corporation Limited	Associate Tech	June 2004 – Feb 2006

EXPERIENCE

❖ Viacom18 Media Private Limited [Sep 2022 – Till date]

Platform & Skills: NodeJS, ExpressJs, RabbitMq, Elastic Search, Redis, GCP, AWS, Kubernetes, Docker, GHA, Akamai, Algolia, Golang, Nginx, Materialize CSS, HTML, jquery

Responsibilities and contributions:

- Lead and implemented complete migration of media catalog items from Voot OTT to Jiocinema OTT backend
- Lead content management platform used by Jio cinema OTT and did designs for number of deliveries which were implemented by 6 members developer and 3 QA members. Backend revamp for supporting chips design in Jiocinema OTT, auto preview features, automated media meta updates, support for multi-cams / 360 views, etc were delivered which indirectly led to increased user experience
- Integrated content management system with front end apps, personalization services, analytics platforms, etc via REST apis, cron jobs and real time messaging
- Reduced Elastic Search cost for company by optimizing queries, arriving at correct scaling ladder to use during high load and the optimizing usage across multiple services
- Worked with devops team to setup of CI / CD pipeline using Github actions (moved from Azure devops) and moving secrets to Google cloud secret manager

❖ **Trafigura Global Services Private Limited [Aug 2019-Sep 2022]:**

Platform & Skills: Spring, Java, Oracle - SQL, Hibernate, Python

Responsibilities and contributions:

- Lead, developed and launched new module for claims business in physical commodity trading platform.
- Lead and enhanced centralized data platform that serves data to all modules that enables all features of physical commodity trading including logistics, trade management, claims, order and price management, etc.

❖ **Network 18 [Apr 2017-Aug 2019]: MoneyControl Transact, Feeds & Data Management Platform**

Platform & Skills: Spring, Java, Redis, MySQL, MS Sql, AWS and GCP cloud platform, Apache Kafka, Cassandra

Responsibilities and contributions:

- Launched the new Money control transaction application completely from scratch. Acted as solution architect, Software developer as well as manager for the complete product launch. The development involved hands implementation on Spring with Swagger specs, Java 8, MySQL, MS SQL, Rest API integration along with third party integration.
- Implementation of sso gateway across money control apps
- Revamp of Money control feed systems that are received from BSE and NSE. It included usage of Apache Kafka, java 8, Cassandra and redis as in memory caching system. In addition, the part of deployment for BSE and NSE feed included deployment on AWS Ec2 and elastic cache
- Designed Data Management platform which collect audience segment across network 18 sites. The segmentation logic is completely deployed on Google cloud platform using BigQuery, Google App engine, Bigtable.

❖ **J.P. Morgan Services India Private Limited [Sep 2014 – Apr 2017]**

[Mar 2016-Apr 2017]: Risk and PNL for Credit products

Platform & Skills: Java, Spring Core, Mule ESB, Gemfire cache framework, UNIX scripting, Tibco messaging, Apache POI library

Responsibilities and contributions:

- Setup an integration platform using Mule ESB services to fetch & process risk and pnl numbers for credit products and send it to the desktop application called Atrium.
- Implemented distributed data caching using gemfire, monitoring dashboard and tools with app dynamics

[Sep 2014-Mar 2016]: Global digital marketing website for J.P. Morgan funds

Platform & Skills: Java, Spring MVC, Spring Jdbc, Spring Oracle Jdbc extension, REST Service, Oracle, Tomcat, Splunk, Javascript, HTML, CSS, jquery, AngularJs

Responsibilities and contributions:

- Lead, Design and implemented REST based web services to allow J.P. Morgan global fund website to manage user registration, authentication, profile updates, integration with client relationship management system. In addition, implement a web application (UI) for administrators to perform admin related action like enable / disabling user, approve / deny request, etc.
- Lead and Setup monitoring using splunk, keynote and google analytics.

❖ **Dion Global Solution [Religare Investment Private Limited] -Dfferentia: [Mar 2012 - Sep 2014]**

Platform & Skills: Java, Spring MVC, Spring Jdbc, JAXB, REST Service, RabbitMq, Spring AMQP, MySQL, Tomcat, FIX protocol, Flex, BlazeDS, Javascript, Tomcat & GlassFish

Responsibilities and contributions:

- Delivered a browser-based solution for pricing OTC derivatives, analyzing risk and supporting options trading
- Setup infrastructure to integrate Liquidity providers into existing FX Request for Quote system.
- Facilitated order booking and trade execution between banks and liquidity providers
- Setup communication for quotes / trades execution between bank and customers, inter & intra bank communication.
- Setup frontend for users portfolio and implement features to allow trader analyze their portfolio.
- Evaluation and POC for OLAP based implementation with Mondrian, Pentaho Analysis tool, SimbaO2x.
- Integrated third-party ticketing system (OTRS), setup authentication module

❖ **Nomura Private Ltd (Ex: Lehman Brothers) [Feb 2006 – Feb 2012]:**

Oct 2008 – Feb 2012: Security Lending Front End system

Platform & Skills: Java, Java Swing, JDBC, Sybase, Unix shell scripting, Spring & Hibernate framework

Responsibilities and contributions:

- Helped setup and enhance the front-end application (using Java Swing) on which security lending (borrows and loans) and repo trades are booked by business.
- Delivered numbered of new EOD and intra-day batch processes to fulfill reporting requirements for clients, to interact with downstream systems, etc.
- Implemented backend logic to create intercompany legs, create trade splits, etc using java multi-threading and Sybase stored Procs

Feb 2006 – Sep 2008: Global Stock loan Middle Office system

Platform & Skills: Sybase, Perl scripting

Responsibilities and contributions:

- Helped enhance existing middle office application to send and receive settlement instructions and acknowledgements.
- Implemented flow to provide stock loan intra-day positions to Collateral Management system so as to automate the process by using Perl and shell scripting in UNIX.

❖ **Sapient Corporation Limited [June 2004– Feb 2006]:**

Jan 2005 – Feb 2006: Citadel's hedge fund system enhancements & Honda Accessory Web setup

Platform & Skills: C++, Perl, UNIX Shell Scripting, XML + VB .Net, ASP .Net, MS SQL

Responsibilities and contributions:

- Created QA framework for Citadel Hedge fund system to test its middle office features like verifying if settlement instructions are correctly sent and received, automatically reconciling data with other systems.
- Did full stack development for Honda car website setup -- Web forms creation, Stored procedures in MS SQL 2000 to incorporate business logic for launching model releases for Honda automobile company

Academics

Exam	Institute	Year	Percentage
PGDBA (Finance)	Symbiosis distance learning course, Pune	Sep 2007	79.69
B.E. (IT)	PVPP college of Engineering, Mumbai	May 2004	67.56
H.S.C	Ramnivas Ruia, Mumbai	May 2000	83.33
S.S.C	Victoria High School, Mumbai	May 1998	85.2 (Aggregate), 94.33 (PCM)

Personal Details

- **Nationality:** Indian.
- **Languages Known:** English, Hindi, and Gujarati.
- **Location:** Mumbai

ACHIEVEMENTS

- **Certified** in Oracle Cloud Foundations and Architect Certification in 2021
- **Reached in final round** (top 100 out of 2 lakh candidates in India) in tech gig open coding contest in year 2017 & 2018
- **Application Security Champion** Certification from J.P. Morgan in 2015
- **Monthly** achievements award for contribution to firm from Lehman Brothers in Dec 2006