

SUMMARY

- Experienced in **System Analysis, Design**, Development and **Implementation** of Large Scale **Micro services** based **Distributed, low latency, Fault Tolerant** Cloud Applications
- Have contributed and developed **Opensource** projects
- Strong in **Problem Solving, Data Structures, Algorithms** and **Design Patterns** of **Distributed Systems**
- Experienced in **Machine Learning** Models like **Support Vector Machine**
- Competent in Coding with **Java, J2EE, Spring**
- Experienced in **Software development lifecycle** using **Agile and DevOps** methodologies
- Experience in **Data-driven Unit Testing and Behavior Driven Testing**
- Comfortable in working with both **UNIX** and **Windows** Environments
- Experienced in **technical mentoring** of Geographically Distributed Teams

SKILL SET

- Programming Languages: Java, SQL, XQuery (Intermediate)
- Database: Oracle, Sybase, DB2, Marklogic NoSQL DB
- Frameworks and Tools: J2EE, Spring Boot/MVC, Splunk, JUNIT, Cucumber, Angular, Lombok, IntelliJ
- Cloud/ Container Tech: GCP,WCNP, MS Treadmill Cloud, Web Farm, SAP Ariba Network Cloud
- Operating Systems: Unix, Windows
- Others: Github, Maven, Gradle, Support Vector Machine, Messaging Queues, AppDynamics

EDUCATION

- Bachelor of Technology in Computer Science and Engineering (B. Tech) from WBUT, 2012

PROFESSIONAL CERTIFICATIONS:

- Oracle Certified Expert, Java EE 6 Web Component Developer (1z0-899)
- Oracle Certified Professional, Java SE 6 Programmer (1z0-851)

AWARDS AND RECOGNITIONS:

- Walmart Bravo Award
- Morgan Stanley Grass Root Innovation Award Q2 2019
- Morgan Stanley Leadership Award 2019
- Finalists in “SAP Code for Charity” Hackathon organized by SAP
- Winner in “Jumbotail” Hackathon organized by Venturesity (now Skillenza)
- Finalists in “Greyt HR” Hackathon organized by Venturesity (now Skillenza)
- SAP Ariba 2016 Summit Award
- Individual Excellence Award, 2016 from SAP Ariba Products and Innovation
- “TCS On the Spot” and “TCS Kudos” for Technical Excellence

OPENSOURCE/PERSONAL PROJECTS: Github (<https://github.com/tapadyutichatterjee>)

- Cross Platform Mobile Application “Pokiwi” Developed in Ionic ([Link](#))
- Route Planner App for Ecommerce Delivery Agents using Google Reverse Geocoding
- Automated Resume Analyzer for Skills ([link](#))
- Online Education Portal for “SAP Code for Charity” ([link](#))
- A VLC like media player built entirely in Java using Java Media Framework ([link](#))

PROFESSIONAL EXPERIENCE

Walmart

Date: April 2020 – Present

Senior Software Engineer

- As part of Walmart Marketplace Team, involved in building Walmart Scale Microservices for 3rd Party Marketplace Sellers to manage Inventory, Ship Setting, and Partner Configurations.
- Involved in building highly scalable APIs for Fast and Precise Delivery through Walmart Shipping Templates
- Involved in end-to-end product development, from ideating to implementation of Partner API products
- Own Sync Inventory Apis End to End
- Increased Partner Inventory Api Uptime to 99% + by implementing blue-green deployment practices, better quality control of developed code
- Planned better development practices to reduce feature gaps as well as bugs
- Involved in coordinating with multiple stakeholders across different timezones and technically leading new feature developments as well as enhancements
- Also involved in Lateral and Campus hiring at Walmart

Technologies:

- REST Webservices, Spring, Spring Boot, JAVA, XML, XQuery, SQL, Sybase, DB2, Jenkins, JUNIT, Cucumber etc.
- **Cloud Platform:** Azure, GCP and Walmart Cloud Native platform
- Agile and DevOps Software Development methodologies are used

Awards and Recognitions:

- Walmart Bravo Award

Morgan Stanley

Date: May 2017 – April2020

Senior Manager (Senior Developer)

- Working as part of Client Reference Data (CRD) Platform and CRUX Platform Teams
- These are highly scalable, fault tolerant, distributed, cloud based containerized platform deployed in Treadmill Web
- Own, Design and Develop several microservices based components for the platform
- Involved in designing complex extraction logic to classify and extract terabytes of textual data
- Designed and developed “Document Image Service” thereby replacing a third-party system Recommind, saving 2.3 million dollars per year for the firm in process.
- Currently working in CRUX and owning components like Crux-Interpretation, Crux-Baseline etc.
- Contributed in developing consolidation feature between CRD Platform and CRUX
- Own, Design and Develop CRUX features for its Downstream Systems like XVA, Wire etc.
- Worked in automating batch process by developing Autosys jobs for the platform.
- Integrated CI/CD frameworks like Jenkins as part of Dev-ops initiative.
- Also worked in integrating BDT framework Cucumber for front-to-back testing initiative
- Technically mentor and lead a team of two developers from Bangalore of a geographically distributed team
- Regularly mentor Interns and junior engineers of CRD Platforms

Technologies:

- **Machine Learning Model:** XML Support Vector Machine
- REST Webservices, Zookeeper, Spring, Spring Boot, Marklogic NoSQL Database, Adobe OCR, XQuery, JAVA, XML, XQuery, SQL, Sybase, DB2, Jenkins, JUNIT, Cucumber etc.
- **Cloud Platform:** Morgan Stanley Treadmill Web
- Agile and DevOps Software Development methodologies are used

Awards and Recognitions:

- Promoted to Senior Manager
- As part of DIS development team, was awarded MS “Grass Root Innovation Award” Q2 2019.
- Awarded MS “Leadership Award” for mentoring intern and guiding him to receive a full time offer from Morgan Stanley.

SAP ARIBA

Date: May 2015 – May 2017

Product Engineer (Developer III)

- Worked as part of SAP Ariba Network Core Cloud Platform Team
- Collaborated as part of small team, designing and developing microservices based, multi-tenant, distributed, horizontally scalable, low latency “**Collaboration Platform**” deployed in Ariba Network Cloud
- Collaboration Platform resulted faster turnaround time of more than 50% as well as reduced lost leads. Collaboration Platform also helped in generating additional revenue for SAP as this product was available on a subscription model.
- Developed prototype IOS Mobile client in Swift for Collaboration Platform
- Designed Supplier and Buyer distributed and sharded DB schemas for Collaboration Platform.
- Also worked in revamping Invoice Page of Ariba Network Portal using CSS, HTML and JavaScript

Technologies:

- JAVA, Java, Spring, Spring Boot, REST Micro services, Apache Cordova, Ionic, AngularJS, Bootstrap, CSS, Ariba Web, FDML, CXML, JSON, XML, SQL, MAVEN, Jenkins, JUNIT, etc.
- **Cloud Platform:** Ariba Commerce Cloud

Awards and Recognitions:

- Awarded SAP Ariba “2016 Summit Award”
- Awarded SAP Ariba Products and Innovation “Individual Excellence Award”
- Promoted to T2 Level 3

Tata Consultancy Services

Date: January 2013 – May 2015

System Engineer

- As a part of core development team in multiple projects, developed products for TCS Banking, Insurance and Retail clients. Collaborating with Onshore team to Design, Develop and Deliver the applications
- Improved JAVA heap memory usage by the web application by 40% by using suitable Collections
- Optimized memory usage by plugging memory leaks and improved real-time data interface efficiency of PLSQL Batches. (Run times Optimized by 30%)
- Automated activities which resulted in >80% reduction in manual effort and increased accuracy
- Changed Flat file ORMS Data Loading architecture (loading time reduced by 80%)
- Fixed UAT and SIT defects as raised by testing team and users

Technologies:

- JAVA, J2EE, Servlet, Spring Boot, Spring MVC, REST, SQL, PLSQL, MAVEN, JUNIT etc.
- Agile Software Development methodologies are used

Awards and Recognitions:

- Awarded TCS "On the Spot" for technical excellence
 - Won TCS Kudos award
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Personal Details

Gender: Male

Nationality: Indian

Passport No: Available on Request

Pan Card No: Available on Request

Place- Sunnyvale, CA

Date-