

# TRINA BANERJEE

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## SUMMARY

Experienced and results-driven Integration Developer with hands-on expertise in middleware technology and implementation. Proficient in building and maintaining REST and SOAP Web Services, and familiar with multiple integration patterns and connectors. Possess strong technical and communication skills, with the ability to collaborate with cross-functional teams and stakeholders to ensure successful project delivery. A self-motivated, passionate team player with a strong understanding of Agile methodologies and a deep interest in driving technological innovation.

## AREAS OF EXPERTISE

Requirement Gathering/Analysis	Postman & SOAP UI
REST & SOAP Web Services	DevOps
Integration Patterns & Message Formats	MuleSoft ESB & IBM Integration Bus
Problem Management	Incident Management
Defect Management	Version Control (Git, GitHub)
Operations Management	Agile Project Management
Cross-functional Team Collaboration	Continuous integration and delivery

## EDUCATION

Bachelor of Engineering in Electronics and Communication Engineering from Rajiv Gandhi Technical University (2011)

## Work history

**Lead, Service Integration Engineer | Saks Cloud Services**

Jun 2023 – Present

**Project:** Middleware Integration | **Role:** Lead, Integration

- Led the transition from a traditional monolithic architecture to microservices architecture, leveraging MuleSoft platform.
- Developed scalable and reusable RESTful APIs using MuleSoft on the Anypoint Platform, ensuring efficient communication between microservices and third-party systems.
- Participated in the full software development lifecycle, including planning, development, testing, and deployment.
- Collaborated with cross-functional teams to understand requirements and delivered high-quality integrations.
- Troubleshoot and resolved integration issues.
- Maintained and enhanced existing integration solutions.
- Developed, tested, and deployed RESTful and SOAP Web Services, ensuring smooth communication between internal and third-party systems.
- Delivered solutions in Agile environments, adapting to changing requirements and feedback quickly.
- Wrote comprehensive unit tests and integration tests with a focus on quality, reducing production defects and improving system reliability.
- Actively mentored junior developers, ensuring adherence to best practices and promoting a Quality First development approach.

**Advisory System Analyst | IBM**

Oct 2021 – Feb 2023

**Project:** BMW UK NSC DevOps Project | **Role:** Lead, IIB team

- Designed and implemented message flow solutions based on High-Level Design (HLD) and Customer Detailed Design (CDD) requirements.
- Conducted performance tuning and debugging of message flows to optimize throughput and latency in integration processes.
- Developed and maintained documentation, including estimation, Low-Level Design (LLD), and unit testing reports.

- Collaborated closely with stakeholders to understand business requirements and translated them into technical solutions.
- Worked closely with other teams to optimize performance and resolve technical challenges.

#### **Senior Integration Developer | Ramco Systems**

Apr 2021 – Oct 2021

**Project:** iRIS | **Role:** Developer

- Gained knowledge of the Logistics domain.
- Engaged in development and debugging of flows as per customer requirements on WSO2.
- Wrote User Stories based on the business requirements provided by the product owner.
- Facilitated discussions, decision-making, and conflict resolution across cross-functional teams.
- Implemented API monitoring for 15 systems, ensuring the stability and performance of data transfers.

#### **Associate Consultant | Wipro Ltd.**

Oct 2019 – Apr 2021

**Project:** ESB | **Client:** Primark | **Role:** Developer, Administrator

- Developed and maintained message flows, message sets, and DFDL schemas using ESQL within IBM Integration Bus.
- Utilized MQ Explorer and MQ scripts for Queue Manager and Queue maintenance, optimizing performance and reliability of message queues.
- Implemented monitoring and error handling mechanisms, including error detection and logging, to ensure system stability and performance.
- Collaborated with cross-functional teams using JIRA for defect tracking and resolution in various testing environments (ST, SIT, UAT, Pre-prod).
- Interacted with Oracle databases for data integration and message handling within WebSphere Message Broker and IBM Integration Bus solutions.
- Contributed to version control and maintenance using Bitbucket and Git, ensuring code integrity and traceability.

#### **IT Analyst | Tata Consultancy Service**

Mar 2012 – Oct 2019

**Project:** Middleware Integration | **Client:** GlaxoSmithKline | **Role:** Service Specialist, Configuration Manager, Developer

- Proactively monitored middleware operations, promptly responding to system alerts and implementing performance optimizations that reduced incident resolution time by 50%.
- Involved in troubleshooting IIB issues and provided a permanent fix for the issue through Problem Management/ Incident Management and troubleshooting MQ Issues (Error logs and MQRC Codes).
- Worked with WMB/IIB maintenance like overriding bar file, deploying bar files, changing the properties, start, stop, list the Flows and EGs, etc.
- Monitored middleware performance and executed on-call tasks to ensure optimal system health, resulting in a 40% reduction in critical incidents and 99.9% uptime.
- Managed a 10-member cross-functional (development, testing and support) team and coordinated with business partners toward the successful deployments.

#### **COURSES / CERTIFICATIONS**

- DevOps Fundamentals | IBM
- Building Cloud-Native and Multicloud Applications | IBM

#### **ACCOMPLISHMENTS**

- Achieved Star of the Quarter Awards in TCS.
- Received award in Saks Cloud Services, Wipro, IBM and TCS for client appreciations.
- Participated in Rising Star Program, a leadership program initiated by TCS UK and Ireland.