KARTHIKEYAN NARAYANASAMY

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A dynamic technical professional recognized for excellence in delivering integration solutions with underlying principles of Service Oriented Architecture (SOA) in IBM Stack – IBM ACE, RedHat OpenShift, IIB, IBM MQ and API Connect

PROFESSIONAL SUMMARY

- 12+ years of experience in design and development in Integrating complex EAI and SOA solutions
- 5+ Years Architecture, Design, Development and implementation experience in IBM Integration Bus and IBM MQ
- Strong knowledge in ACE/IIB built in nodes, ESQL, Web services/ SOAP nodes, error handling and troubleshooting integration flows
- Sound experience in working with IBM ACE implemented on RedHat OpenShift Container Platform
- Experienced in Developing, testing, and maintaining APIs using IBM API Connect and implementing API security and access controls
- Troubleshoot and resolve technical issues related to API Connect
- Collaborate with development teams to design and implement APIs that meet business requirements
- Specialised in working with business stakeholders to identify API requirements and create API specifications
- Extensively worked in managing API Connect configuration and deployment
- Sound experience in using DevOps and build automation tools like tools like Git, Jenkins, Ant, Maven, UCD and JFrog artifactory
- Exceptional analytical and reporting skills and able to troubleshoot real-time issues
- Proficient in JAVA, J2EE, developing web applications using JSP and Servlets in MVC architecture
- Extensive experience in Incident, Problem and IT Change management
- Proficient in Altova Mapfore in handling XML, XBRL messages, designing map to convert one type of message to other
- Extensive experience in designing Web Applications using PHP, HTML, JavaScript, jQuery, and MySQL
- MuleSoft Certified Developer – Cross skilled and got certified in MuleSoft Development (MCD Level 1)

CORE SKILLS

IBM App Connect Enterprise(ACE) / IBM Integration Bus (IIB) - Solutioning, Designing and Development
IBM API Connect v5/v10 - Authoring, Publishing and Managing APIs
IBM Message Queue (IBM MQ) - Local, Remote, Alias, Transmission, Queue creation and configuration
Programming Languages **-** ESQL, Java, SQL Queries, PL/SQL , Shell Scripting
Databases - Oracle, DB2, SQL SERVER.
CI/CD - Jenkins, Git, Ant Script, UCD and JFrog artifactory
Security - OAuth2, JWT, API Security, SSL
Monitoring - ELK, Dynatrace
Tools - JIRA, SOAPUI, RFHUTIL, Log4J, Confluence, Postman, Jmeter, Nexus, SVN, HPALM Altova Mapforse

EXPERIENCE SUMMARY

Integration Lead @ Qatar National Bank, Qatar	- Jun 2022 – Till Date
Integration Support Specialist @ Qatar Islamic Bank, Qatar	- Sep 2021 – May 2022
Integration Lead @ IBM, India	- Nov 2018 – Sep 2021
Senior Integration Developer @ Mindtree, India & Australia	- Jul 2015 – Nov 2017
Support Engineer & Integration Developer Cognizant, India	- Mar 2013 – June 2015

Integration Lead – Qatar National Bank, Qatar (Consultant)	Jun 2022 – Till Date

Duties and Responsibilities:

- ✔ Transforming the IBM Middleware to streamline the deployment, scaling, testing, and management of autonomous services without affecting other systems in the ecosystem
- ✔ Reviewing requirements outlined in provided documentation and participating in stakeholder discussions until a consensus on the requirements is reached.
- ✔ Creating solution designs for service implementation and preparing the Technical Specification document
- ✔ Involved in the design, coding, testing, debugging, and documentation of software enhancements using IBM App Connect Enterprise (ACE), IBM API Connect, IBM MQ
- ✔ Designed and developed 20+ RESTful APIs using IBM API Connect with OpenAPI 3.0
- ✔ Created Product and API lifecycle management workflows on API Manager
- ✔ Integrated API Gateway with OAuth2 providers and configured client certificates
- ✔ Worked on custom policies and security definitions using Gateway script and XSLT
- ✔ Enabled API analytics and traffic control using rate limiting and quotas
- ✔ Participating in the implementation of Change Requests (CR's) based on customer needs.
- ✔ Contributing to the design of stored procedures to replace legacy systems with real-time databases.
- ✔ Creating service specification documents and Unit test case documents.
- ✔ Taking part in release management by preparing release notes and coordinating with the deployment team for deployment activities.
- ✔ Analyzing requirements, solutioning, designing and developing Integration Solutions like message flows, and reusable libraries.

Integration Specialist – Qatar Islamic Bank, Qatar (Consultant)	Sep 2021 – May 2022

Duties and Responsibilities:

- ✔ Analyzing the issues and doing root cause analysis on the same, proposing a workaround to maintain business continuity and ensuring minimum business downtime
- ✔ Identifying the critical issues and taking prompt and effective actions spontaneously
- ✔ Manage the daily workload based on priorities and Maintain SLA's to provide quality services to end users
- ✔ Document and create a new knowledge base to provide the most effective solutions to application issues. Solutions can be new code development, defect fixes.
- ✔ Conducting weekly incident/problem management calls with the development team.
- ✔ Engaged in PRC calls with the development team to track the status of the release. Release of the components to the production system after high level verification
- ✔ Proactively monitored Application Processes, Identified enhancements, root cause analysis for a bug and development requirements

Integration Lead – IBM, India	Nov 2018 – Sep 2021

Duties and Responsibilities:

- ✔ Coordinated migration of IIB applications into to IBM ACE hosted in IBM Cloud using RedHat OpenShift Container Platform
- ✔ Working within the IBM Cloud Integration space to implement and deploy IBM cloudpak CP4I solutions extensively around RedHat OpenShift Container Platform and integration including ACE/MQ solutions
- ✔ Designed and implemented several REST APIs in IIB and ACE
- ✔ Preparing risk assessments, effort estimation and performance metrics
- ✔ Identifies, develops, and pursues opportunities to improve strategy, process, and execution in the innovation process ✔ Work with the Business Analysts team closely to assist them creating User Stories and preparing technical design documents from Business Requirements
- ✔ Mapping System Requirement Specification to concrete Integration / Interface specifications, Detail Design for Integration Services
- ✔ Provide technical consultancy and advice to business units and projects to deliver the best value proposition to the business
- ✔ Responsible for managing all aspects of delivery of IBM Integration Bus (IIB) & IBM MQ projects including analysis, planning, deliverable reviews, managing rollouts and postproduction support
- ✔ Implemented Continuous Integration framework to ease Test Cycle iterations
- ✔ Created development templates and common sub flows and patterns to permit rapid adoption of WMB development ✔ Designed common Audit and Logging framework and implemented the same

Senior Integration Developer – Mindtree, India & Australia	July 2015 – Nov 2017

Duties and Responsibilities:

- ✔ Engaged as expert WMB practitioner to design, develop and deliver a large complex system of SOAP-based web services and File based services
- ✔ Designed and developed multiple SOAP and File protocol interfaces patterns from scratch and lead the team to develop and deliver the same
- ✔ Implemented SSL security over SOAP & HTTP nodes and SSH over File protocol integration applications
- ✔ Created complete messaging model, including schemas and WSDLs, for middleware layer to back end business partner's APIs ✔ Created development templates and common sub flows and patterns to permit rapid adoption of WMB development
- ✔ Designed and developed a complete WS application in SOAP and HTTP protocols in IIB v10
- ✔ Mentored team of developers with no prior WMB experience in WMB v9 development
- ✔ Provided the technical solution, estimation and technical deliverables as part of the proposal engagement

Integration Developer – Cognizant, India	Mar 2013 – June 2015

Duties and Responsibilities:

- ✔ Worked in preparing Technical Design and Mapping Document alongside Application teams ✔ Designed message flows and configured ESQL compute nodes
- ✔ Created message sets by importing COBOL copy book structures of the legacy system ✔ Experienced in working with XML, WSDL, XSLT, Web services using SOAP and HTTP, CWF
- ✔ Prepared test cases & test scenarios and performed unit testing and integration testing
- ✔ Managed and maintained the environments by automating systems management and monitoring activities
- ✔ Created automated tool using Java and MQ API libraries for IIB monitoring and reporting through email
- ✔ Created automated utilities using shell script, VB script, Java and MQ WMB APIs to automate the routine activities and regular monitoring/reporting tasks

ACADEMIC SUMMARY

2009 - 2012 – MCA from Bannari Amman Institute of Technology, Sathyamangalam with aggregate of 82%

2006 - 2009 – BCA from Vidhyasagar College of Arts and Science, Udumalpet with aggregate of 71%