**Vijayamanikandan Rajaguru**

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13 years of experience in IT development, DevOps, Project management, and Release management.

**WORK EXPERIENCE**

**Royal Bank of Canada Mar. 2021 – Present**

*Integration Specialist Toronto, Canada*

* Designed IBM Integration Bus services that interact with mainframe applications, micro-services in Cloud (Pivotal Cloud Foundry and OpenShift), ODM, and SAP.
* Led the platform migrations project (IIB 9 and 10 to IBM ACE11).
* Architected automated Build & Deploy process through IBM UrbanCode Deploy and orchestrated CI/CD processes in Jenkins by setting up responses to git triggers, human input, and dependency chains and environment setup.
* Created processes and designed message broker infrastructure to support various message conversions adapted by financial industry (SWIFT, FIX).
* Led the efforts to install, configure, and manage the ELK stack (Elasticsearch, Logstash and Kibana) in OpenShift Container Platform for centralized logging management for the services hosted in IBM Integration Bus and other infrastructure.
* Defined high level and detailed technical specifications and architectural diagrams for projects, in accordance with the lifecycle, security and architectural documentation objectives.
* Incorporated agile methodology into the initiatives and earned Certified Scrum Product Owner (CSPO) certification.

**Finastra Oct. 2020 – Mar. 2021**

*Expert Systems Engineer Toronto, Canada*

* Administered MQ in a complex architecture which used RDQM (replicated data queue manager) clustering setup, and resolved issues with the configuration of DRBD, Pacemaker, and monitoring of MQ Queue Managers.
* Established system-to-system interfaces to exchange financial messages between security trade participants.

**Cognizant Nov. 2017 – Oct. 2020**

*Integration Specialist Las Vegas, USA*

* Architected Enterprise Service Bus solutions for the business, using IBM DataPower Gateway with IBM MQ as the transport backbone and designed message transformations using custom XSL transformations, and GatewayScript policies.
* Designed and implemented DevOps platform based on Jenkins and git, to replace a legacy build environment which was built on Ant and PVCS.
* Guided the efforts to containerize micro services in both on-premises and cloud infrastructure using Docker and Kubernetes.
* Provided technical leadership over design and implementation of a new Integration Services framework, providing architectural oversight and leading efforts to integrate new core system with the legacy components.

**Cognizant Mar. 2016 – Nov. 2017**

*Technical Lead Chennai, India*

* Architected applications and libraries in IBM Integration Bus 10 and designed message models, and schema, and implemented common library functions, reusable sub flows which made use of Log4j framework for processing logs.
* Developed custom solutions using SOMA scripts as part of the DevOps team to deploy DataPower configurations, HSM Keys, certificates, and XSLT files in multiple appliances, and to perform firmware upgrades, system backup, appliance replacements, appliance virtualization, user managements and migration to virtual appliances.
* Organized efforts to migrate the legacy code base to Java, which resulted in

**Cognizant Apr. 2015 – Mar. 2016**

*Technical Lead Milton Keynes, UK*

* Led the migration of Middleware interfaces from Message Broker 6 to IBM Integration Bus 9, and Queue Managers from IBM MQ 6 to IBM MQ 8 by performing impact analysis, running proofs of concept for 150 servers in AIX, Linux, and Windows environments, which resulted in 30% performance gain across the virtual servers.
* Defined a complete Business Continuity Plan as a part of integrating recovery plans with the hosting and platform vendors, and the platform custodian for a $50 million capital expansion program.

**Cognizant Jun. 2013 – Apr. 2015**

*Senior Developer Chennai, India*

* Developed Message flows, Message Models and Applications in IBM Message Broker and IBM Integration Bus with MQ, File, Database, XSLT, HTTP, Mapping and SOAP functionality.
* Implemented high availability configuration of messaging routers, increase performance of data enrichment, middleware disaster recovery for an Enterprise Service Bus based on a combination of IBM Message Broker, and WebSphere MQ messaging components.
* Integrated version control tools, build tools and deployment methodologies (scripting) to create end to end orchestration build cycles by configuring CI/CD in Jenkins.

**Cognizant Jul. 2012 – Jun. 2013**

*Senior Developer London, UK*

* Designed and implemented eProcurment solution by developing Message Flow interfaces using IBM Message Broker and IBM MQ.
* Developed DataPower based business solutions in a REST based architecture with Web-Service Proxies, Multi-Protocol Gateways, and XML Firewalls using XSL transformations.
* Built MQFTE Transfers and configured MQFTE Agents based on business requirement across the platforms by developing WebSphere MQ FTE builds using ANT Scripts.

**Cognizant Sep. 2009 – Jul. 2012**

*Developer Chennai, India*

* Developed REST and SOAP based Web Services in IBM Message Broker and Java, modelled with WSDL and WADL, using XML, JSON, and other data structures.
* Installed and configured IBM MQ distributed and clustered networks on the AIX, Windows, and z/OS platforms in addition to designing MQ application solutions.

**EDUCATION**

**Birla Institute of Technology and Science, Pilani Jan 2005 – Jan 2009**

*B.E. (Hons), Chemical Engineering Rajasthan, India*

**SKILLS**

IBM WebSphere MQ; IBM WebSphere Message Broker; IBM Integration Bus; IBM App Connect Enterprise; IBM WebSphere DataPower Gateway; IBM MQ File Transfer Edition; Nginx; SOAP API; REST API; SOAPUI; ReadyAPI; RfhUtil; Jmeter; PostMan; curl; Mockito; SQL; AIX; Linux; Java; Perl; Python; bash Scripting; ESQL; C; javascript; XSL; Groovy; HTML; CSS; git; SVN; PVCS; Jenkins; Maven; Ant; Docker; Kubernetes; Apache Kafka; Ansible; Elastic; Logstash; Kibana; JIRA; Remedy; Confluence; OpenShift Container Platform