Raja V

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10+ years of experience in software development in addition to Analysis, Design, and Development of Web & Cloud based Applications, specializing in global digital transformations, and very strong expertise with various cloud & cloud platform technologies (AWS, Azure), and Java & Spring Boot frameworks.

INDUSTRIES: Healthcare

TECHNICAL SKILLS

• Java	8 years
• Azure	1 years & 5 months
• Jenkins	1 years
• AngularJS	6 months
• Terraform	6 months

PROJECT DETAILS

• Digital Surgery Platform

Project Description: The Device Agent will be used by medical device manufacturers. This will allow the devices to connect and securely communicate with the enabled Digital Surgery Platform. Once it connected to the platform, devices will be able to perform operations such as uploading files or downloading software updates. The device agent will work with both Windows and Linux operating systems. Azure function will be the extract the file.

Responsibilities: • Created and developed application components in an Agile/TDD environment using test-driven development, SDLC, and pair programming. • Using HTML5, CSS3, and React, I created collaborative web sites with front-end screens. • Create infrastructure as Code using Terraform • Configured Jenkins Pipeline for the CI/CD • Deployed Infrastructure as IaC module using Jenkins Pipeline to the multiple environments to the Azure Cloud • Implemented terragrunt for the environment specific, changes in terrraform • As a member of the Agile Development Team, I attended daily SCRUM meetings to report on progress and assign tasks. • Practical experience building Spark applications with Py-spark Data Frame. • Experience with Composer Airflow job design, debugging, planning, and observation. • Practical expertise with Python and the Spark environment when developing Py-spark ETL applications. • AngularJS controllers have been implemented to retain every view detail, and Angular Service calls have been rigorously tested by all application controllers using Angular's built-in testing tools. • Practical knowledge of Spark RDD, Data Frame API, Data Set API, Data Source API, Spark SQL, and Spark Streaming. • Configured Network Load Balancers, Firewall rules with the Azure Firewall manager • Developed a Micro service architecture based on Spring Boot services that communicate via a combination of REST and Apache Kafka message brokers. • AngularJS validations for form field validation implemented in HTML5 were developed. • Knowledge of J2EE frameworks such as Spring, Hibernate, and Web Services Technologies. • Spring and Spring Modules experience, including Spring IOC/Spring DI, Spring AOP, Spring MVC, Spring JDBC, Spring Hibernate, Spring Data, and Spring REST Technologies. • Created an API based on REST principles and exposed it using Swagger. • Developed BDD tests in Cucumber by writing performance and step descriptions, as well as the Selenium support code in Python. • Developed Robot Test with Cucumber BDD for the browser based functionality • Experience designing angular application on the server side with GraphQL. • Familiarity with Graph-QL queries. • Developed Graph-QL data mutations allowing users to alter their login and password information. • Closely collaborated with UI Angular devs while automating tests with robot. • Developed Android Application for client facing pages. • Using Appium, I designed and created tests for mobile app testing on the Android platform. • Built a Docker container for APIs in LINUX to be deployed in Azure WebApps Services using Azure DevOps and

Jenkins. • Used SQL Queries to manage the data contained in MySQL Server. • Used Kafka to save audit logging messages to a NO SQL database. • Created the user interface using the Spring view component, JSP, HTML5, CSS3, JavaScript, AJAX, and JSON. • Understanding of design patterns and their implementation in Java 17, in order to write efficient and maintainable code. • Developed automation system using PowerShell scripts and JSON templates to remediate compliances issues Azure services. • Excellent problem-solving abilities, as well as the ability to debug and troubleshoot all types of azure deployments azure Azure Analytical workspace • Knowledge of performance tuning and optimization of Java 17 applications for increased speed and efficiency. • Making use of ECMA Script 6 functionalities. To create JSX and ES2015 (ES6) labels, a Web Pack is utilized. • Using Node.js as a proxy to interact with RESTful services and the PostgreSQL database. • Participated in the setup of a Jenkins-based continuous integration system, as well as working knowledge of cloud-based code repository systems such as GitHub. • Use Kafka and Spark Streaming to create a real-time data pipeline. • Utilized current and upcoming industry trends and practices to create Site core CMS websites • Used Kubernetes and Docker to build, test, and deploy a CI/CD system runtime environment. • Solid understanding of Kafka is necessary for streaming real-time feeds from external rest apps to Kafka topics. • Extensive expertise designing and developing SOAP and RESTful applications using Java, Spring Boot, and Spring Web Flux (Reactive stack) frameworks. • Experience with scalable architectures using Azure App Service, API management, serverless technologies • I rebuilt, rearchitected, and developed the present application using Java 11 and Spring Boot. The Spring Reactive Stack includes Amazon, PostgreSQL, and Maven • Developed JSON Scripts for deploying the Pipeline in Azure Data Factory (ADF) that process the data using the SQL Activity. Build an ETL which utilizes spark jar inside which executes the business analytical model. • Assessment of a core java-based multithreading ETL tool for spreading XML data into an Oracle database using JPA/Hibernate, Node.js, and XML on Lambda, with MySQL and NoSQL on the back end, as well as Dynamo DB/S3/EC2. • Enabling monitoring and azure log analytics to alert support team on usage and stats of the daily runs • Development of cloud-hosted web applications and REST APIs using Spring Boot with embedded Tomcat.

Technologies: Java 11, Python Flask, Azure Functions, Azure WebApps, Azure Storage Accounts, Spring MVC, Hibernate ORM, Angular 8, Spring Security, Spring Boot, Spring MVC, Microservices, Kubernetes, JPA, JavaScript, MySQL Server. HTML5.0, CSS3, Eclipse, Oracle 11g, Ca

Industry: Healthcare

• HypaIQ

Project Description: This service is used by patient and doctor for Online consulting. It is ease for patient to have the consultation by virtual

Responsibilities: • Design, development, application architecture, use cases, flowcharts, application flow, prototypes, and proof concept of sample codes are all responsibilities. • Engaged in Confidential backlog grooming with other teammates and awarded story points based on the acceptance criteria. • Utilizing Test Driven Development (TDD), Unit Tests (unit, Mockito), Maven, Rally, GITHUB (Check-in, checkout, branching, tagging, code merging, etc... Pull Requests, Code Reviews), and Jenkins on a daily basis is part of the job. Java 8, Spring web Flux -Reactive Programming • Using Lambdas and streams in Java 1.8, as well as spring web flux, to construct entire non-blocking code for enhanced scalability and cost-cutting on the cloud. Development of Spring, Web services, and Microservices. • Previous experience implementing RESTful web services with Java 11 and similar frameworks such as Spring. • Expertise in working with databases in Java 11, including common database management systems such as MySQL and DynamoDB. • Created several J2EE design patterns such as Front View Controller, Business Delegate, Factory and Session Facade, Singleton, and DAO to improve business modules based on functional requirements. • Created an API for using Amazon Lambda to manage servers and run code in AWS. • Using GitHub for version control, new release creation, and resolving pre-requisite issues for TEST Builds. • Containerize application and move them to Kubernetes and OpenShift Container Platform. • Upgrade OpenShift Environment in agile methodology for the advanced features in container technology. • Applied security vulnerability fixes for OpenShift environment using agile methodology. • Has worked on many Copies Routines Contract to Quote, Opportunity to Quote Quote to Quote using BADI CRM COPY BADI • Has Worked on CRM Events for some objects. • Backend proficiency using Node, Express, MongoDB including 3rd¬party services Firebase. • Used GOLANG to log the different host system event and alert information

to Cassandra database. • Designed and implemented JSON web token /parser for specification test files in Golang. • Knowledge of concurrency and synchronization, as well as experience designing multithreaded applications in Java 17. • Enabling monitoring and azure log analytics to alert support team on usage and stats of the daily runs • IntelliJ IDEA and NetBeans experience for designing and debugging Java 17 apps. • Improvements and new IBM Mainframe projects (80% to 100% development, 20% to 0%) maintenance • Developed Python scripts to load data from Web APIs into a staging database. • Knowledge of D-Streams, Accumulator, broadcast variables, and RDD caching for Spark Streaming. • Used React JS for templating in order to speed up compilation and create environmentally friendly components. • Solid knowledge of Red Hat Satellite 6.3 Infrastructure for managing hundreds of RHEL7 machines. • Write extensive design specification documents and put all business rules into action. • Using Node.js, I worked with JSON web tokens for authentication and authorization security configurations. • Assisted in the creation of security groups in Adobe-EM. • Create a command for compilation, bundling, and test runner setups. • Used Karma and Jasmine to do unit testing on JavaScript applications. • Hands-on experience with Docker container service and applications, including the creation of Docker images from Docker files. • Extensively used APIs to retrieve data from the backend as JSON responses and parse it on the UI for DOM/CSS modification. • Bitbucket was used as the code repository, while GIT was used for version control. • Agile/SCRUM project management was used, and JIRA and Confluence were the tools used to keep things in testing. For expanding the application, I used My Eclipse as an IDE. • Worked with NoSQL databases such as Cloud Mine, which is based on MongoDB. • Email services were provided by AWS (Amazon Web Services), which were integrated with JavaScript code. • Used Node. JS to generate JavaScript code for Restful web services. On Node.js, the verification hash code was generated using the crypto package. • Used the Python-MySQL connector and the MySQL dB module to create and execute numerous MYSQL database queries. • Created Ansible playbooks and deployed applications utilizing the Ansible-vault encryption technique. • Set up Jenkins Build status and SonarQube statics code analysis. With AWS SNS, you can receive email and slack notifications (Simple notification Services). • Created a GET/POST Sling Servlet in AEM 6.4 to deliver numerous services. • Accountability for developing tested components in a timely manner in accordance with the demands of the Risk and Analytics company as determined by the Project Owner.

Technologies: Amazon EC2, S3, RDS, SNS, SQS, Open Shift, AWS Lambda, NoSQL, JSP, server 8.5, Spring 4, Spring boot, Restful Web service, Hibernate, JavaScript, Jenkins, Angular, Micro services, Apache Kafka, Terraform, Oracle 11g, SQL/PLSQL, Xml, UML, CSS, RAD, Junit.

Industry: Healthcare

EMPLOYMENT HISTORY

• Sr. Software Engineer October-2014 - December-2023

EDUCATION

• Bachelors degree in EEE from Mother Theresa Engineering College 2010 - 2014

LANGUAGES

• English - native

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