**Mirza Baig**

**Senior Java Developer**

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***Professional Summary:***

* Highly motivated and results-oriented Java Developer with 7+ years of experience building and maintaining full-stack applications across diverse industries.
* Proficient in Agile Methodologies, actively participating in Scrum ceremonies, sprint planning, and retrospectives to ensure efficient project management.
* Experienced in utilizing React JS framework to develop Single Page Applications (SPAs) and working with React Flux architecture.
* Skilled in designing and implementing full-stack solutions using Java, Angular, SQL, and PL/SQL, with a focus on delivering high-performance applications.
* Extensive experience in developing cloud-based applications on AWS, leveraging services such as AWS Lambda, API Gateway, and DynamoDB for optimal scalability and performance.
* Competent in integrating systems using MuleSoft to streamline communication between disparate components.
* Proficient in containerization using Docker and Kubernetes, with a focus on achieving zero downtime deployments and enhancing scalability.
* Strong background in backend development, including designing and implementing RESTful web services using JAX-RS specifications and Spring Boot.
* Expertise in test automation, developing test frameworks using tools like Mockito and JUnit for ensuring code accuracy and reliability.
* Skilled in version control using Git, and proficient in CI/CD pipelines utilizing tools such as Bamboo and Jenkins for automated build and deployment processes.
* Experienced in infrastructure automation using tools like Apache Chef and Terraform for provisioning and managing cloud resources.
* Proficient in working with various databases including Oracle, MySQL, MongoDB, and AWS RDS, with hands-on experience in database migration and administration.
* Strong troubleshooting skills, including log analysis, debugging, and performance tuning using tools like Log4J, Kibana, and JIRA.

***Key Technologies and Expertise Showcase:***

* **Languages & Frameworks:** Java, React JS, Angular, Spring Boot, Hibernate, JPA, RESTful Web Services, JAX-RS, Node.js, Express.js, MEAN Stack (MongoDB, Express, AngularJS, Node.js)
* **Cloud & DevOps:** AWS (Lambda, S3, API Gateway, RDS, Glue, Redshift), Docker, Apache Chef, Terraform, Jenkins, Git, Bitbucket, Maven, Apache Kafka, Zookeeper, AWS Database Migration Service (DMS)
* **Testing & Debugging:** Python, Mockito, JUnit, Log4j, SLF4j, LoadRunner, Postman, SonarQube
* **Database & ORM:** SQL, PL/SQL, Oracle, MySQL, MongoDB, Hibernate, Ehcache, AWS Aurora
* **Tools & Methodologies:** Agile Methodologies (Scrum), MuleSoft, Swagger, UML, JIRA, Bamboo, IntelliJ IDEA, Eclipse, Visual Studio Code, Apache Tomcat, Apache Camel, SOAP Web Services, WSDL, Apache Cassandra
* **Other:** Linux, Perl, Bash Scripting, HTML5, CSS3, JavaScript, JSON, XML, Apache Maven, Ant, SVN, Git, Continuous Integration/Continuous Deployment (CI/CD), Apache Kafka, Zookeeper

***Professional Experience:***

***USAA, Dallas, TX. Sep 21- present***

***Java Developer***

**Responsibilities:**

* Utilized Agile Methodologies to manage the full life-cycle development of the project. As part of Agile practices, I was involved in Scrum, Retrospective sessions, poker sessions, standup meetings, showcasing Release sessions.
* Involved in Sprint planning for the estimation of efforts for user stories and bugs.
* Expertise in React JS framework to develop the SPA.
* Experienced in React JS and working with React Flux architecture.
* Gathered and understood Business Requirements and translated into high-level requirement documents for the system integration.
Designed and implemented full-stack solutions utilizing Java, Angular 8.3.6, SQL, and PL/SQL.
* Developed cloud-based applications on AWS, leveraging the platform's services for optimal performance.
* Integrated systems using MuleSoft, streamlining communication between disparate components.
* Collaborated with Agile teams, ensuring efficient and secure software development practices.
* Implemented containerized architectures for applications, resulting in enhanced scalability and deployment efficiency.
* Architect applications with a focus on achieving zero downtime deployments.
* Development of test framework using the Python
* Involved in writing Java API for Amazon Lambda to manage some of the AW'S services.
* Designed and implemented RESTful Web services using JAX-RS specifications for handling AJAX requests.
* Used IAM to create new accounts, roles and groups and polices and developed critical modules like generating amazon resource numbers and integration points with S3, Dynamo DB, RDS, Lambda and SQS Queue.
* Used React JS for templating for faster compilation and developing reusable components.
* Worked extensively on Spring boot for building web service. Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Developed the Persistence layer DAO using JPA, Hibernate with Entity Manager, and Hibernate as an ORM tool to access the database.
* Designed and developed AWS Lambda functions for various events and implemented API gateway endpoints and Extensively used Bamboo for CI/CD.
* Development of Python APIs to dump the array structures in the Processor at the failure point for debugging
* Connected to Linux servers to view application logs to troubleshoot application issues using putty as an interface.
* Backend scripting/parsing using Perl and Python
* Used PUTTY for debugging and connect to my remote files in server securely using SSH Encryption and WinSCP to transfer data between local and remote folders and change file permissions.
* Designed project-related documents using the Unified Modeling Language tool, which includes Class and Sequence diagrams.
* Prior experience with API Design using API description tools such as Swagger.
* Worked with Apache Chef for Infrastructure Automation.
* Worked on QC defects, which are raised in the QA phase and involved in giving the production support for the application.
* Developed unit test cases using the Mockito framework for testing accuracy of code, and logging is done using SLF4j + Log4j and Worked with defect tracking system JIRA.
* Worked with IDE as Eclipse oxygen and deployed into Apache Tomcat Web Server & used Maven build tool to achieve more functionality for the build process.
* Actively involved in code review and bug fixing for improving the performance and Used GIT for version control.

**Environment:** Java 1.8, REST services, Spring MVC, Git, Jira, Bitbucket, Bamboo, AWS, AWS Lambda, S3, API Gateway, Apache Chef, HTML, CSS, JSON, Mongo DB, Oracle, Tomcat 8.5.9, Maven 3.2.5, IntelliJ, Red Hat, Kibana
Qtest, Snowflake, SQL, Beyond Compare, Note pad++, Postman, Visual studio code, Sonar cube, Service Now
Victoria metrics, Spring boot, Jobs. GUID.

***Walgreen, Deerfield IL***

***Full Stack Java Developer***   ***July 19-Aug 2021***

**Responsibilities:**

* Conducted analysis of organizational needs and goals for the development and implementation of the application systems by involving with business personnel
* Used Spring Boot for developing components and deployed them individually on AWS using Docker and Lambda Expression on JDK 8.
* Worked on several python packages like NumPy, SciPy, pytables
* Development of test framework using the Python
* Worked on AWS Database Migration Services for migrating data from Oracle to RDS.
* Hands on experience in Implementing Data Guard High Availability Environment on RDS Oracle Databases
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Experience in Integration of Amazon Web Services AWS with other applications infrastructure
* Created functions and assigned roles in AWS Lambda to run python scripts, and AWS Lambda using java to perform event driven processing.
* Used React JS for templating for faster compilation and developing reusable components
* Built RESTful API server to achieve CRUD operations for posts using Jersey, JAX-RS, JSON, spring REST using MEAN stack (Mongo DB, Express, AngularJS, Node.js) Technologies.
* Design and Develop ETL Processes in AWS Glue to migrate Campaign data from external sources like S3, ORC/Parquet/Text Files into AWS Redshift.
* Backend scripting/parsing using Perl and Python
* Write terraform scripts for CloudWatch Alerts.
* Worked on migrating Oracle databases to AWS RDS using utility AWS Database Migration Service (DMS).
* Automate Datadog Dashboards with the stack through Terraform Scripts.
* Data Extraction, aggregations and consolidation of Adobe data within AWS Glue using PySpark.
* Generated Client-side code in Angular, integrated with REST and processed the JSON response
* Expertise in React JS framework to develop the SPA.
* Development of Python APIs to dump the array structures in the Processor at the failure point for debugging
* Experienced in React JS and working with React Flux architecture.
* Developed single page application using Angular created services, models, components, views
* Worked with the Hibernate framework to interact with the backend
* Used ORACLE database and wrote HQL query to access the data from the database Effectively used Annotations in Hibernate mapping
* Responsible for implementing monitoring solutions in Ansible, Terraform, Docker, and Jenkins.
* Developed API using Node.js to allocate access to data in SQL, Mongo DB.
* Worked on user accounts along with the daily schedule using multi-threading in Java.
* Experience with Implementing and consuming RESTful web services using JAX-RS annotations
* Created a new library with microservices architecture using Rest APIs, spring boot, and AWS, Spring Security.
* Wrapper developed in Python for instantiating multi-threaded application and running with other applications
* Development of test framework using the Python
* Created Node.js Express server combined with Socket.io to build MVC framework from AngularJS Front End to MongoDB Back End to provide chatting service.
* Used Batch and Kafka as publisher and consumer to complete service call cycle and consume messages as the notification comes from other microservice/application. Installed zookeeper and Kafka servers in terminal to run Kafka locally.
* Worked in using React JS components, Forms, Events, Keys, Router and Flux concept, Implemented the Drag and Drop functionality using React-Draggable.
* Deployed the Application into Docker container and other cloud services like AWS, Netflix Eureka, Spring Hystrix as the fallback method, Spring
* Ribbon for load balancing and a broker service to maintain status using Spring Kafka and Zookeeper.
* Interacted with UI team in developing GUI using HTML5, JavaScript, JSP, AJAX, JSON, and CSS3
* Presentation layer was formed using JSP, Ajax, and Implemented a Continuous Delivery teline with Docker, Jenkins and GitHub and AWS AMI's
* Implemented GitHub as version control and Jenkins as Continuous Integration server, automated new Docker containers and Jenkins continuous build path for Continuous Integration
* Worked with the JIRA tool for Quality Center bug tracking.
* Involved in writing Java API for Amazon Lambda to manage some of the AW'S services.
* Involved in the planning process of iterations under the Agile Scrum methodology
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Involved in Unit, Integration and Performance Testing for the new enhancements and Using Load Runner, execute multi-user performance tests, used online monitors, real-time output messages and other features of the LoadRunner Controller
* Test cases were created using JUnit framework for front-end UI testing and Used Maven Dependency to include all the jar files, Logging of Application was done using Log4J

**Environment:**Java 1.8, J2EE, Spring BOOT, JSP, Apache Camel (JMS), AJAX, Angular JS, JSON, Servlet, JENKINS, JIRA, Tomcat Application Server, Docker, XML, HQL, Hibernate, IntelliJ IDEA, Core Java, Multithreading, Rest API, JAX-RS, Web services, HTML5, JavaScript, CSS3, Oracle database, Apache Cassandra, JDBC, Maven, GIT, and Log4J**.**

***Spectrum, Denver, CO***

***Full Stack Java Developer***  ***Jan 17- June 19***

**Responsibilities:**

* Designed and developed Online Application using Spring MVC Framework and Spring Core
* Developed and enhanced the application using Java and J2EE (Servlets, JSP, JDBC, JNDI, EJB),
* Implemented Web Services (RESTful Web Services), HTML, JSON, XML, Maven, Log4J, and MySQL.
* Write terraform scripts for CloudWatch Alerts.
* Involved in working with J2EE Design Patterns (Singleton, Session Façade, and DAO)
* Involved in creating Use Cases, Class Diagrams, and Sequence Diagrams using UML, and the agile software development methodology.
* Worked on AWS Database Migration Services for migrating data from Oracle to RDS.
* Hands on experience in Implementing Dataguard High Availability Environment on RDS Oracle Databases
* Worked on Hibernate ORM. Created Hibernate XML files and Java class files to map the object relation mappings and Worked on Hibernate caching using Eh cache
* Expertise in React JS framework to develop the SPA.
* Design and Develop ETL Processes in AWS Glue to migrate Campaign data from external sources like S3, ORC/Parquet/Text Files into AWS Redshift.
* Worked on migrating Oracle databases to AWS RDS using utility AWS Database Migration Service (DMS).
* Worked on several python packages like NumPy, SciPy, pytables
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Development of Python APIs to dump the array structures in the Processor at the failure point for debugging
* Data Extraction, aggregations and consolidation of Adobe data within AWS Glue using Py Spark.
* Developed API using Node.js to allocate access to data in SQL, Mongo DB.
* Backend scripting/parsing using Perl and Python
* Experienced in React JS and working with React Flux architecture.
* Created functions and assigned roles in AWS Lambda to run python scripts, and AWS Lambda using java to perform event driven processing.
* Used Hibernate Query Language (HQL) and Custom Queries to query data from Oracle database in DAO
* Involved in creating and extracting data from database using HQL queries, PL/SQL Stored procedures, triggers, and packages on Oracle database using Toad Software
* Used CRUD operations using JPA query language
* Wrapper developed in Python for instantiating multi-threaded application and running with other applications
* Analyzed changes in online transactional processing, business processes, and modifications, to improve the quality of applications and meet additional requirements through MongoDB
* Developed and maintained the Application Context files for the service layer using Spring Framework
* Used SOAP (WSDL 2.0) Web Services for secure extraction of client-related data from database using Apache CXF
* Used IAM to create new accounts, roles and groups and polices and developed critical modules like generating amazon resource numbers and integration points with S3, Dynamo DB, RDS, Lambda and SQS Queue.
* Created Node.js Express server combined with Socket.io to build MVC framework from AngularJS Front End to MongoDB Back End to provide chatting service.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Hand on experience with Java microservices in Spring Cloud and Spring Boot
* Used RESTful in conjunction with Ajax calls using JAX-RS and Jersey
* Multi-Threading and Caching we used to improve the performance and user experience
* Built RESTful API server to achieve CRUD operations for posts using Jersey, JAX-RS, JSON, spring REST using MEAN stack (Mongo DB, Express, AngularJS, Node.js) Technologies.
* Created Docker containers that leverage Linux containers and have the AMI baked in. Converted our staging and Production environment from a handful AMI to a single bare metal host running Docker.
* Involved in the development of the presentation layer and GUI using CSS3, HTML5, and jQuery.
* Used ANT to build, run, and create Jar files and SVN for version control and performance tuned the applications and documentation of troubleshooting.
* Logged applications using Log4J, and exceptions were logged into the database using JDBC
* Used JUnit for testing the entire application, rectified performance bottlenecks and eliminated critical bugs and created numerous test cases using JUnit framework and JUnit for testing modules

**Environment:**Java 1.8, J2EE (JSP, JDBC, JNDI, EJB), Spring 3.0, HTML5, CSS3, Hibernate 4.x, Ehcache, SQL, PL/SQL, TOAD, MongoDB, JSP, AJAX, jQuery, Oracle 11g, Eclipse, Maven, ANT, SVN, XML 1.x, JAXB 2.x, Log4J, JUnit, JBoss, SOAP, Web Services, WSDL 2.0, JAX-RS, JAX-WS.