Mounika

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PROFESSIONAL SUMMARY:

* As a full stack Developer, I have professional of 7 years experience all the technical phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies. Hands on experience in AWS provisioning and good knowledge of AWS services like EC2, S3, Route 53, Elastic Beanstalk, Lambdas, API Gateways, EBS etc., Knowledge of application deployment and data migration on AWS.
* Developed Webservices and Microservices with Spring Boot framework.
* Proficiency on CI/CD tools/processes Git, Gradle, Maven, Jenkins,Artifactory,SonarQube, Jacoco and Junit.
* Utilized ****Java 1.8**** features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Worked in BDD and TDD types of developments in Agile Methodology.
* Solid experience with front-end tools including HTML, CSS, JavaScript, Angular and ReactJS.
* Expertise in J2EE Technology- Servlets, Struts, Spring, JDBC, JTA, JPA, Hibernate and JMS.
* Experience developing web applications using Spring framework modules including Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Cloud, Spring Batch and Spring Data.
* Experience with distinctive design patterns like Singleton, Business Delegate, Session Facade, Service locator, Transfer Object and MVC.
* Worked with design and development of robust and highly scalable Web Service platforms and APIs based on REST and SOAP for enterprise applications using AXIS, WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC technologies and Jersey frameworks.
* Experience on different IDEs such as Eclipse, RAD, Spring Tool Suite, IntelliJ and deployment using Application Servers like Apache Tomcat, BEA WebLogic, Web Sphere and JBOSS.
* Experience on databases like DynamoDB, MongoDB, MySQL, Oracle, PL/SQL, Agile SDLC.
* Maintenance and Vulnerability Management of Hybrid infrastructure and ****CI**/**CD** using **Chef** – **Cookbooks**.**
* Integration of Lambda with ticketing tools to take automated actions
* Expertise in Kubernetes, Docker, Jenkins for deployment scenarios Splunk, Dynatrace management tools for monitoring and alerting.
* Strong experience creating/writing test automation scripts for web services using technologies including Rest-Assured, Apache JMeter, Soap UI and Postman.
* Perform Development, Testing, Deployment, code migration and quality assurance using tools including JIRA, SoapUI, Postman, Bitbucket and Jenkins with Agile.
* Hands on experience with automation framework to perform smoke and regression testing using TestNG and Jenkins and performed manual, functional and automation testing for SOAP services and REST APIs.
* Hands on experience with unit testing using JUnit and Mockito and performed load testing using JMeter for microservices hosted on PCF and Kubernetes cluster.
* Involved in daily stand-up and weekly Agile/Scrum meetings, grooming meetings with our team.
* Proficient in developing J2EE enterprise applications in Microservice architecture.
* Experienced in working with different operating systems Windows, UNIX & LINUX.
* Experience with designing and configuring secure Virtual Private Cloud (VPC) through private and public networks in AWS and create various subnets, routing table, internet gateways for servers.
* Good knowledge of designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS).
* Experience in AWS Core Services (VPC, CloudFront, Route53, API Gateway), Compute Service (EC2, ECS, ECR, Lambda), Storage Service (S3, EFS, S3 Glacier), Deployment Services (Elastic Beanstalk and Cloud Formation), Database Services (RDS, Redis, Elastic Cache).
* Good knowledge of other services in AWS like Cloud front, Glacier, Cloud Trail and Simple Notification Service (SNS).
* Expertise in Client-Side design and validations using HTML5, CSS3, J-Query, JSON, Ajax, Angular, Bootstrap, Tag libraries, JSTL.
* Experience in JMS over messaging to exchange the information in more reliable and asynchronously for enterprise applications using Active MQ and KAFKA.
* Experience with DevOps tools such as Jenkins, Maven, Artifactory.

Technical Skills

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| Programming Languages | C, C++, Java 1.8, J2EE, and PL/SQL. |
| Tools and Framework | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Struts, JSF, JUnit, SOAP UI, JReport |
| J2SE/J2EE Technologies | Java, J2EE, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, JSF, Jakarta Struts, EJB, Spring, Spring Boot, Spring Data, Spring Batch Hibernate, JTA, JNDI, JPA JMS, Web Services (JAX-RPC, JAX-WS, SOAP, REST, WSDL, UDDI and RESTFUL), Groovy/Grails |
| Web Technologies | HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular, JSF, AJAX, NodeJS, React, JSON Restful |
| XML Technologies | XML, XSL, DOM, SAX, DTD, XQuery, XSD and XSLT |
| Cloud Technologies | AWS EC2, ELB, Lambda, S3, VPC, Cloud Formation, Cloud Watch, RDS |
| Databases | Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, MongoDB |
| Web/Application Servers | Apache Tomcat, IBM WebSphere, Web logic Application server, JBOSS |
| Build Tools | ANT, Maven, Gradle, Docker and Jenkins |
| IDE / Tools | Eclipse, IntelliJ, VSCode, Spring Tool Suite (STS), RAD |
| Testing Tools/ Others | JUnit, Mockito, Soap UI, Log4j, JIRA, JMX |
| Version Control | GIT and Tortoise SVN |
| Platforms | Windows, Mac, Unix, Linux |  |
| Methodologies | Agile, Waterfall, Test Driven Development |  |

PROFESSIONAL EXPERIENCE

BCBSA

Chicago, IL Aug 2020 – present

Responsibilities:

* Create REST services with Spring Boot.
* Used Gitlab for Software Configuration management and maintaining the versions and created tags and branches, fixed merge issues, and administered software repositories within Gitlab.
* Used CI/CD tools/processes Git, Gradle, Maven, Jenkins, SonarQube, Jacoco and Junit.
* Used Multithreading concepts. Developed & deployed the application in on Application Server and Supported the Production Releases.
* Used Spring Core for dependency injection/Inversion of control (IOC). Used Spring Batch for scheduling and maintenance of batch jobs. Created build files using Maven.
* Worked on backend spring boot application that serves as a login authentication process and supported the team with deployments services in AWS.
* Used Spring cloud, Netflix Eureka, Zuul, Ribbon, Hystrix for the Microservices and for service registry.
* Used JUnit, Mockito in developing test cases and determining application functionality.
* Using AWS Functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* Created Microservices and Webservices using Spring Boot.
* Used AWS Cloud platform and its features which include EC2, AMI, S3, SNS, RDS, CloudWatch, CloudFormation, ASG’s, CloudFront, S3, and Route53.
* Configured plugins for the integration tools to the version control tools.
* Jenkins administration to user access credentials, deployment email notification, configuration for new users and using matrix plug-ins to manage Jenkins.
* Creating and building Jenkins Pipelines for CI/CD Process.
* Maintenance and Vulnerability Management of Hybrid infrastructure and ****CI/CD using Chef - Cookbooks.****
* Manage source code, software builds, software versioning, & defect tracking on software maintenance tasks/projects.
* Setup the required setup in the Local, Dev, Test and Prod environments.
* Used Client-side design and validations using HTML5, CSS3, J-query, JSON, Ajax, Angular, Bootstrap, Tag libraries, JSTL.
* Developed code for Responsive web design in JavaScript using frameworks like Angular.
* Took part in setting up the routing configuration using Angular UI router for various views and subviews.
* Worked on rendering additional components with custom HTML tags using Angular.
* Implemented Angular components router for navigation, Angular services to connect the web application to back-end APIs made use of ES6 features.
* Applied object-oriented methodologies and core J2EE Design Patterns like Factory, Singleton, MVC, Service Locator and Façade.
* Delivered specific versions of various components of an application into target environments.
* Used Test driven deployment (TDD) with Agile.
* Integration of Lambda with ticketing tools to take automated action
* Administered and Engineered Jenkins for managing weekly Build, Test and Deploy chain GIT with Dev/Test/Prod Branching Model for weekly releases.
* Troubleshoot the automation of Installing and configuring applications in the test environments.
* Used JPA and Hibernate for mapping objects to the relational database.
* Involved in coding for integration of Jasper Reports with Java.
* Worked on SQL like MySQL, and no-SQL data bases like MongoDB.

Environment: Java/J2EE, Spring, Spring Boot, Hibernate, HTML5, CSS3, JavaScript, JSON, jQuery, AJAX, Node.js, Bootstrap, Angular 10/12, ES6, React, Eclipse, JSP, SAX, XSLT, JMS, JBOSS, AWS, REST, GIT, JUnit, Maven and Windows

Trancfone Wireless

Tampa, FL

Java Developer Sept 2019- Aug 2020

Responsibilities:

* Involved in various Test-Driven Development (TDD) methods in Design and analysis.
* Extensive knowledge and working experience in web development technologies like AJAX, JSP, XML, HTML5, CSS3, JSON, Java Script, jQuery.
* Worked on creating the EC2 Cluster to install and execute spark application for big data processing based on event notification using Lambda, SNS, Cloud Formation.
* Implemented Microservices using Spring Boot and deployed the application on AWS.
* Developed API for using AWS Lambda to manage the servers and run the code in AWS.
* Developed Java API to interact with the Amazon SQS used for sending bulk emails.
* Experience on creating images through Docker and deploying them in Kubernetes environment.
* Experience on messaging and streaming technologies such as AmazonSNS, Active MQ and Apache KAFKA.
* Experienced in developed a web application by using Angular4 as frond end and using web API to receive and pass data to back end.
* Utilized core Angular4 features such as HTTP, Data Binding, Services and Dependency Injection.
* Proficiency on CI/CD tools/processes (Git, Gradle, Maven, Jenkins, and Junit)
* Experience in Integration of Amazon Web Services with other applications infrastructure.
* Extensive experience in developing RESTful Web Services using Apache CXF and Jersey.
* Experience in designing User Interactive UI Web Pages and visually appealing User Interfaces with the help of HTML 5 and CSS3.
* Experience in front end user interface using HTML5, XML, CSS3, Bootstrap, JavaScript, jQuery, AJAX, AngularJS, jQuery and JSP2.0.
* Experience in using J2EE Application Servers such as WebLogic, WebSphere 7/8and JBoss 7.
* Experience in Oracle, IBM DB2 and MySQL. Experience in writing SQL Queries, PL/SQL Packages, Stored Procedures, and Functions.
* Experience in Unit testing using JUnit and TestNG.
* Used Eclipse IDE for developing application using pivotal components like Spring Boot, Spring Cloud, Spring Rest, Spring JDBC.
* Experience in software development methodologies such as Agile, Scrum, Test Driven Development.
* Experience with configuration management tools like Subversion and GIT.
* Experience in use of build tools like Maven and Jenkins for build & deployment

Environment: Java, J2EE, HTML5, DHTML, CSS3, Bootstrap, jQuery, Angular4, Spring IOC, Spring AOP, Spring MVC, Spring Security, Hibernate, AJAX, Spring boot, JSON, JDBC, REST, SOAP, AWS, Oracle, SQL, PL/SQL, Unit Testing, JUnit, Log4j, Maven

One TRUST Inc

Software developer

Atlanta, GA May 2017- sept 2019

Responsibilities:

* Designed, developed, enhanced and supported Java/J2EE architecture, used algorithms and data structures, Microservices in Spring Boot, secured Restful based Web Services using HTTPS and Oauth2 Authentication. Created, developed and deployed to AWS.
* Development, enhancement and support of Quartz Schedule
* Continuously managed and improved the build infrastructure for global software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment tools.
* Angular 2+ and Ionic 3 Native builds for single model view solutions.
* Developed J2EE enterprise applications in Microservices architecture.
* Developed web applications by using Spring framework modules like Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Cloud, Spring Batch and Spring Data.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java 8, PHP, Node.js.
* Ability to analyze, design and implement cloud migration strategies.
* Used Docker, Spring Boot, JBOSS.
* Used JSF as user interface web application.
* Experienced in automating, configuring and deploying instances on AWS environment and Data centers, also familiar with ****EC2****, Lambda, ****Cloud watch****, ****Cloud Formation**** and managing security groups on AWS.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Defined branching, labeling, and merge strategies for all applications in Git.
* Built Continuous Integration environment Jenkins, TFS, SVN and Continuous delivery environment.
* Responsible for maintaining and expanding AWS (Cloud Services) infrastructure using Stack especially worked with database setup and maintenance on AWS EC2.
* Developed Bean's implementation Class.
* Code Build and migration to different UNIX environments.
* Migration of existing Java/J2EE application to new WebLogic environments.
* Understanding of Business Requirements, business use case and data dictionary provided by external IT Teams
* Writing MapReduce Programs, Hive and PIG Script and developed applications using Spring boot.
* Worked and lead the offshore team to finish the patch up and cleanup work.
* Used Paging on call to work with offshore during the time of PROD errors.

Environment:  Git, ESB, Jazz, VPC, AWS EC2, Lambda, S3, Route53, EBS, DynamoDB, IAM, ELB, Java 8, Cloud watch, WAS, JSF 2.2, Hibernate, Jira, AWS Auto Scaling, JSF, Redis, TDD, Multi-Threading, JAX-RS, Jenkins, MongoDB, Unix/Linux, Spring, Sonar, Spring boot, Shell scripting

DST Systems Inc:

Software Engineer

Hyderabad, India June 2015- dec 2016

Responsibilities:

* Identified the Business requirements of the project. Involved in preparing System Requirements for the project.
* Strong understanding of the software development cycle, specifically Agile/SCRUM.
* Involved in preparing the High Level and Detail level design of the system using J2EE.
* Developed the applications using Java, J2EE, Struts, Servlet, JDBC.
* Created struts form beans, action classes, JSPs following Struts framework standards.
* Involved in writing the presentation layer and GUI framework in JSP.
* Developed an API to write XML documents from a database. Utilized XML and XSL Transformation for dynamic web-content and database connectivity.
* Worked on various use cases in development using Struts and testing the functionalities.
* Implemented the database connectivity using JDBC with Oracle database as backend.
* Involved in the development of underwriting process, which involves communications without side systems using IBM MQ and JMS.
* Taken care of complete Java multi-threading part in backend components.
* Developed and maintained UNIX shell scripts for data-driven automatic processing.
* Apache Ant was used for the entire build process.
* Used Rational Clear Case for version control and JUnit for unit testing.
* Used quartz scheduler to process or trigger the applications daily.
* Configured WebSphere Application server (WAS) and deployed the web components.

Environment: Flex, EJB, Struts, spring, JSP, Servlets, Jasper reports, JMS, IBM MQ, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, XSLT, XML, UML, HTML, JNDI, Rational Rose, Oracle, IBM WebSphere (WAS), Clear Case, ANT, JUnit, IBM RAD, and Apache Tomcat, RAD.