**Shyam**

**Full Stack Java Developer**

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**Professional Summary:**

* Around 7+ years of experience as a Full Stack Developer with solid understanding in all the phases of the Software Development Lifecycle (SDLC**)**, this includes Analysis, Design, Development, Testing and Maintenance of Java UI applications for large Enterprise Customers.
* Strong programming skills in **Java**, **J2EE, J2SE** with extensive ability to develop scalable applications.
* Experienced in developing Web UI Applications using **HTML5, CSS3, Boot Strap, Java Script, Type script, Ajax, jQuery, Angular.js, React.js, Express.js, Node JS, jQuery UI**and **Spring MVC.**
* Extensive working with **Amazon web Services** like using **Elastic Beanstalk**, **EC2** and **AMI** with **Linux**.
* Adding permissions to **AWS** **SQS** to interact with the Queue and involved in writing custom policies.
* Thorough knowledge of **Micro service**architecture and experience in implementing several design patterns
* Designed and developed Micro **service**business components using Java /J2EE, **Spring Boot**and Implemented REST web services based on **RESTful APIs.**
* Experience in design and development in the areas of software using, Java, Networking and Web applications.
* Expertise in design and development of enterprise level spring-based web applications using **Spring REST,** **Hibernate, Servlets**, **JSP** for **User Interface Applications**.
* Proficient in **Spring AOP, Security, Event Handling, Spring MVC, Spring IOC Container.**
* Developed DAOs (Data Access Object) using **Hibernate**as ORM to interact with DBMS - like **MySQL, PostgreSQL, SQL/PL-SQL Oracle10g**and **NoSQL**databases like **MongoDB.**
* Experienced in using Eureka Servers while deploying in EC2.
* Integrated **Hibernate**in context files and configured Hibernate session factory.
* Good Experience in developing Web Services, **Restful API**using **Jersey**Framework, and **SOAP**using **Spring-WS.**
* Well versed in developing **SOA**services and consuming the services.
* Build hypermedia-**driven** and implemented connectors between **HATEOAS** and**Spring REST** services.
* Improved overall performance via **Multithreading,** **collections,** **synchronization,** and **exception handling**strategies.
* Developed Servlets, JSP pages, Session Beans using Spring, Hibernate and Struts frameworks
* Used **Apache**for integration and Data Processing with **Spring** and for Multi-Threaded Message Consumption and worked on **Zookeeper**to maintain services.
* Extensive experience in using **NPM,** **BOWER,** **Grunt**and **Gulp**for the build process.
* Experience with**Docker**images, Containers, push/pull with **Spring Boot,**used **Jenkins** for CICD and AI.
* Experience in using **Jenkins** for Continuous Integration and Sonar jobs for java code quality.
* Experience in message streaming by using Apache **Kafka.**
* Hands-on experience in using message brokers such as **Active MQ**and **RabbitMQ.**
* Strongly associated with usage of **Selenium, Jenkins, Junit** and **Curl** for **Unit** and **System Testing**.
* Experienced on tools like **JIRA**for bug tracking.
* Good experience in developing customized policies in Apigee Edge and developing API's in Apigee Baas.
* Experience in performing **Unit testing, Integration Testing**and generation of test cases using **JUnit.**
* Managed the platform over the years through **Agile,** **Scrum**and **Waterfall**practices.

**TECHNICAL SKILLS:**

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| **Programming** | Java (JDK 1.5, 6, 7, 8, 11), JavaScript, Shell Script, PL/SQL, Python |
| **Java Technologies** | JSF2, Servlets, JSP, EJB,JMS, JDBC, JPA, Log4j, SLF4j, Log back, Swing, Junit, Mockito, Power mock, Selenium |
| **Frameworks** | Spring (Core, MVC, AOP, ORM, DAO, Security), JSF2, Hibernate, My Batis, Struts |
| **UI frameworks** | JavaScript, jQuery, Angular11, ReactJS, HTML5, CSS3, Bootstrap |
| **IDE** | Eclipse, STS, IntelliJ, NetBeans |
| **Messaging Systems** | Apache Kafka, JMS, IBM MQ |
| **Web Technologies** | HTML/HTML5, CSS3, XML, AJAX, JAX-WS, JAX-RS, Apache CXF, NodeJS, Elastic Search, Networking |
| **Databases** | Oracle, PostgreSQL, MongoDB, Cassendra, Redis |
| **Web/Application Servers** | Tomcat, WebLogic, WebSphere, JBoss, NGINX |
| **Cloud** | Docker, Kubernetes, Azure, OpenShift, AWS |
| **Build Tools** | Gradle, Maven, ANT |
| **Other Tools** | Jenkins, JIRA, Confluence, Sonar, Splunk, ELK, SQL Developer, Postman, SoapUI, Adobe Flex |
| **Version Control** | Git, SVN, Bamboo |
| **Operating Systems** | Windows, Linux and Unix |

**Professional Experience:**

**Full Stack Java Developer**

**Anthem/Elevance Health,** **Indianapolis, IN April 2022 to Present**

**Responsibilities:**

* Worked in a highly dynamic AGILE environment and participated in scrum and sprint meetings.
* Develop new fronted from the ground up using HTML5, CSS3, JAVASCRIPT, jQuery, Bootstrap, AngularJS, and NodeJS as front-end building Environment.
* Configure and run gulp tasks in NodeJS runtime and handle injection, CSS pre-processing, minifying, test-running, and building-sync.
* Build and maintain code repositories and code migrations using CI/CD strategies (GIT, SVN, CSV, Jenkins).
* Developed custom directives, Factories and Services in AngularJS and implemented code per coding standards and created AngularJS Controller to isolate the scopes to perform operations and extensively used Core Java such as Exceptions, and Collections.
* Responsible for implementing monitoring solutions in Ansible, Terraform, Docker, and Jenkins.
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
* Experience in cross platform development using DOJO and Jenkins for CI/CD.
* Expertise in consuming Restful web services using Node JS, AngularJS, and jQuery along with JSON parsing to implement AJAX call and render the response data to User Interface.
* Implemented **AWS Lambda** functions to run scripts in response to events in **Amazon Dynamo DB** table or **S3** bucket or to HTTP requests using **Amazon API Gateway.**
* Used Agile methodology, Domain Driven Design DDD and effectively took part in Scrum gatherings to deliver quality deliverables within time.
* Responsible in Object Oriented Analysis Design OOAD using different design methodologies/process frameworks like SDLC and tools like Rational Rose, Microsoft Visio.
* Extensively used Java 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Used **Jenkins** and pipelines, which helped us, drive all **Microservices** builds out to the **Docker registry** and then deployed to **Kubernetes.**
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Build and maintain code repositories and code migrations using CI/CD strategies (GIT, SVN, CSV, Jenkins).
* Managed **Kubernetes** charts using Helm, created reproducible builds of the **Kubernetes** applications, managed Kubernetes manifest files and Managed releases of Helm packages.
* Worked with AWS cloud service in creating EC2 instances and providing them roles and sometimes participated in writing custom policies and deployed applications on Elastic Bean Stalk and EC2.
* Configured and managed AWS Glacier, to move old data to archives based on retention policy of databases/ applications.
* Managed AWS infrastructure provisioning **(S3, ELB, EC2, RDS, Route 53, IAM, security groups - CIDR's, VPC, NAT)** and deployment and **EC2** Installs with **CentOS.**
* Worked with Perl and Linux bash shell scripting to create automated drivers for IBM hardware devices: RAID configs, disk drives, networking and storage devices, etc.
* Involved in AWS SQS to interact with queue and giving roles to it and involved in writing Custom policies.
* Used **Kubernetes** to orchestrate the deployment, scaling and management of **Docker Containers.**
* Participated in troubleshooting issues on AWS, Netflix Eureka, and Cloud environments.
* Worked with the SPRING framework hibernate integration to maximize the Classical model view controller layer (MVC) Architecture.
* Comparing performance of streaming applications on Spark & Flink.
* Creating REST based Web Services by establishing links using HATEOAS from spring-based Applications.
* Involved in developing API’s and Rest API proxy using APIGEE edge and for sending mobile notifications.
* Developed the Web Services Client using REST, RSDL for verifying the new customer history to a connection.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS - MySQL and Mongo DB.
* Optimized the full text search function by connecting to Mongo DB.
* Development of message generation unit Spout and message processing unit bolt with Api’s provided by Apache Storm
* Worked with Docker to deploy Micro-services in modern containers to increase Isolation.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS - MySQL and Mongo DB.
* Used MAVEN as a Build Process and used generating Documentation, Reporting, and adding Dependencies.
* Performed daily Night Build & Weekly Build & Release for the product using Ant, Maven build scripts.
* Using JUnit test in Eclipse, developed Unit test cases and test suite, curl was also implemented to test.
* Used Jenkins as the integration tool and improved scalability of applications on cross-platforms.
* Deployed the Application EAR and RESTful Services on JBoss Application Server.
* Involved in Production Support and Maintenance of the application and troubleshooting of Issues on JBoss by checking logs, payments etc.

**Environment:** Java/JDK, J2SE/J2EE, HTML5, CSS3, JavaScript, jQuery, Spring, Spring Boot, Hibernate Spring Batch, Spring MVC, AngularJS, NodeJS, SDK, MySQL, SOA, JDBC, AWS, Hibernate, REST, JSON, RESTful, Eclipse, MAVEN, JUnit, Kubernetes, Jenkins, Linux OS, MongoDB, Spark, GIT, PL/SQL, Docker, CI/CD, Flink, OpenShift, ANT, JIERA, Kafka, JMS.

**Full Stack Java Developer**

**Homesite insurance, Boston, MA Feb 2021 to March 2022**

**Responsibilities:**

* Responsible for all stages of design, development, and deployment of applications.
* Active role in Test Driven Development termed as TDD apart from Agile Software Development.
* Defined and constructed layers, server-side objects and client-side interfaces based on J2EE design patterns.
* Cloud migration, deployment and integration of SOASTA Cloud test tool with CI/CD process using Jenkins and DynaTrace for continuous testing.
* Designed, analyzed, and developed the front-end and back-end Servlets, Bootstrap for designing, HTML5, CSlam, Ajax, Angular JS, React JS for developing presentation layer.
* Created the AngularJS app using Yeoman, Grunt and Bower and used Angular UI for component model.
* Actively involved in using MVC, HTML5 to enable client-side date to meet specific criteria by applying various validation variables and used the CSS classes to provide visual feedback on validation.
* Experienced on spring framework applications like Spring MVC, Spring JPA, Spring Security and Spring
* Developed CI/CD solutions for running an AngularJS application from a Tomcat container using Jenkins and Sona type Nexus.
* Developed complex handlers using the callback pattern to update the current status of the network to various dependent modules.
* Created User Controls and simple animations using Java Script and Python.
* Analyze business requirements and develop various business delegates to integrate with Middleware services like JAX-WS using SOAP and REST.
* Worked on Rest Web services for backend services used Oracle for database services and RESTful web services using Jersey for JAX-RS implementation.
* Developed Restful Web services for other systems to interact with our system and secured the service with Spring-Security and Oauth-1.0.
* Used Spring MVC components to implement business layer and Spring Boot for Micro-services.
* Configured hibernate e with Spring ORM as part of spring and Hibernate Integration for best results.
* Used the Spring IOC feature to get Hibernate session factory and resolve other bean dependencies also used Spring framework AOP features and JDBC module features to persist the data to the database for few applications.
* Create develop and test environments of different applications by provisioning Kubernetes clusters on AWS using Docker, Ansible, and Terraform
* Utilized Ansible and Chef as configuration management tools to deploy consistent infrastructure across multiple environments.
* Deployed the Application EAR and RESTful Services on JBoss Application Server.
* Developed unit and integration tests for existing micro services using JUnit, Mockito and Docker environments.
* Developed and Implemented ANT and MAVEN Scripts to automation of build process on MAVEN build tools to test the application manually and run the JUNIT Test suites.
* Developed ANT scripts to build and deploy the application in the WebSphere Application Server.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
* Log4J was used to monitor the error logs and used GIT as version control tool.

**Environment:** Java, J2SE/J2EE, JDK, RCP, AWS SDK, Git, Swing, JFC, Spring, Hibernate, Core Java, SOAP/Rest, Web Services, JavaScript, UML, Bower, HTML5, CSS, Spark, JIRA, MYSQL, Oracle, Angular JS, Spring Boot, Spring Batch, AJAX, jQuery, JUnit, Maven.

**UBS, Weehawken, NJ March 2018 - Dec 2020**

**Java developer**

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software Development Life Cycle.
* Developed N-tier client-server business application software using Model View Controller **(MVC)** Architecture.
* Extensive use of core Java **Collections, Generics, Exception Handling,** and **Design Patterns**for functionality Involved in writing different Design Patterns like **Filter, Action, Business Delegate, Service Locater, Data Transfer Objects (DTOs) and Data Access Objects (DAOs).**
* Used Hibernate in persistence layer and developed **POJO's,** **Data Access Object** to handle database operations.
* Worked on System security with the use of **SSL (Secure socket layer),** encryption and used role-based security.
* **JSON**being light in nature was used as the chief source of communication between the server and application.
* Expertise in developing reusable and interoperable Web service modules based on micro services, **SOA**architecture using **SOAP**and **RESTful**and Preparation of **Java and JSP** coding standard checklist.
* Involved in the development of **Servlet, Struts Action classes, Business Objects, Web Services.**
* Involved in writing JSP using **Bean, Logic, HTML, and Iterate Tags**.
* Design, develop and testing of Storm topology which read message from Kafka topics.
* Used the spring validation and Tiles Framework in the presentation layer.
* Developed snippets of Java code which can run on Flink in the standalone mode on my local machine
* Fixing the bugs and developing new enhancements using JAVA / J2EE, spring, Hibernate, WebLogic.
* Used spring framework for middle tier and Spring-hibernate for data access.
* Used Spring MVC as Web module, involved in design, development of new Action classes to interact with business logic and Used Hibernate as ORM to map Java classes to database tables.
* Developed user interface using **JSP,** **Spring Tag**Libraries to simplify the complexities of the application.
* Developed user interface with **Java Server Pages,** **Ajax**support to speed up the application form filling.
* **WSDL** has been used to expose the Web Services.
* **SOAP** has been used as a protocol to Communicate in the form of **XML** messages.
* Implementing or exposing the Micro services to base on RESTful API utilizing **Spring Boot** with Spring MVC.
* Used **Hibernate Transaction**Management, **Hibernate Batch**Transactions, and **Hibernate cache**concepts.
* Developed Struts Action Forms, Action classes and performed action mapping using **Struts**.
* Designed various tables required for the project using **Oracle**database.
* Used **Apache Tomcat server**for deploying the application.
* Involved in writing the **Maven**build file to build and deploy the application.
* Involved in writing **JUnit** Test Cases and **Ant** Build Script.
* Used **Log4J** to capture the logging information.

**Environment**:  Java, JSP, HTML, CSS, Servlets, Spark, XML, SOAP, WSDL, Oracle, Eclipse, JAX-R, JAX-WS, PL/SQL, Apache Server, Struts, DAO, AOP Spring, MVC Spring, Hibernate, OpenShift, Junit, Maven.

**Java/J2EE Developer Aug 2016 to Feb 2018**

**LTI - Larsen, India**

**Responsibilities:**

* Contributed greatly to increase the code quality and productivity through Test Driven Development (TDD) and Agile Estimation and Planning.
* Used AngularJS to create views to hook up models to the DOM and synchronize data with server as SPA.
* Worked extensively on the front-end side using JSP, HTML, CSS3, ipt and jQuery.
* Developed HTML and JavaScript. Developed Scripts for UNIX platform deployment.
* Responsible for JAVA, J2SE/J2EE, JBPM, EL and Java FX coding / development.
* Used Twitter Bootstrap to create responsive web pages which can be displayed properly in different screen sizes.
* Implemented SOA to develop REST Based Web services using Apache Axis.
* Designed and developed Web Services (SOAP, WSDL). Created and compiled XML Schema to generate Java Bean classes using Apache Axis.
* Involved in System Analysis and Design methodology as well as Object Oriented Design and development using OOAD methodology to capture and model business requirements.
* Involved in Java Multithreading to cascade multiple changes on multiple records in only one transaction.
* Using Struts Framework developed and implemented the web-based application following the MVC.
* Implemented the service layer using Spring with transaction and logging interceptors.
* Fixing the bugs and developing new enhancements using JAVA / J2EE, spring, Hibernate, WebLogic.
* Used spring framework for middle tier and Spring-hibernate for data access.
* Used Spring MVC as Web module, involved in design, development of new Action classes to interact with business logic and Used Hibernate as ORM to map Java classes to data base tables.
* Implemented J2EE patterns, Data Access Object (DAO), Session facade, Business Delegate and Value Object.
* Developed and Deployed the Application on Eclipse IDE and WebLogic Web Servers.
* Developed build script using MAVEN to build, package, test and deployed the application in WebLogic.
* Use WebLogic fuse for remote console login, JMX management and web server console.
* Used Ant & maven scripts for build and deployment of the application.
* Used Eclipse as IDE tool to develop the application and JIRA for bug and issue tracking.
* Code walks through, modules integration and unit testing using JUnit and Mockito.
* Used Log4J, Splunk for logging and tracing the messages.
* Implemented Test Scripts based on the User Requirements as specified by the Business side and Requirement document and analyzing Business Requirements and handling it as per Requirements.
* Project coordination with other Development teams, System managers and web master and developed good working environment.

**Environment**: Java, JSP, Servlets, Spring AOP/IOC, Spring MVC, Hibernate, XML, JBPM, HTML, JDBC, Web services, Web Services (SOAP/WSDL and REST), Multithreading, WebLogic, Mockito, Junit, Maven, Log4J, SVN, Oracle, UNIX.

**Education:**

* Master' Computer and Information Science from SAU – 2022
* Bachelor’s in computer science engineering from JNTUH-2019