**Mohammed Shamsi**

**Sr. Java Developer**

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**PROFESSIONAL SUMMARY**

* Having around 7+ years of Professional experience in IT Industry involved in Developing, Implementing and maintenance of various web-based applications using Java, J2EE Technologies.
* Experience in all phases of Software development life cycle (SDLC), which includes User Interaction, Requirement gathering, Business Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing and Deployment.
* Experience in working with different SDLC methodologies like Waterfall, Agile (TDD, SCRUM).
* Experienced with J2SE Technologies like API, Threads, Collections, and Exception Handling, J2EE Technologies like Servlet, Listener, Filter, JSP, Java Security API and JSTL.
* Expertise in the implementation of Core concepts of Java, J2EE Technologies: JSP, Servlets, JSF framework implementation using JDBC, Spring, Hibernate,
* Practical knowledge and expertise working with frameworks like Spring Core (DI (IOC)), Spring MVC, Spring Data, Spring Boot, Spring Batch, Spring Security, Hibernate.
* Well versed with consuming and producing Web services like SOA Architecture based SOAP (WSDL Component), UDDI and REST working with data-exchange formats like PLAIN\_TEXT, XML and JSON formats.
* Working experience of Relational DBMS like MySQL, Oracle SQL (PL/SQL), SQL Server (MS SQL), DB2and NoSQL DB like MongoDB.
* Experience in writing the HTTP RESTful Web services and SOAP API's in Golang.
* Experience with Tomcat/ WebLogic servers and good understanding of J2EE architectures, J2EE technologies.
* Experience with amazon web services (AWS) and amazon cloud technologies such as Amazon EC2 (virtual servers), Amazon Cloud Watch (monitoring).
* Managed Amazon Web Services like EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elastic search, Virtual Private Cloud (VPC) through AWS Console and API Integration.
* Experience with test driven development (TDD) using a unit testing framework Junit and knowledge of ANT, Maven and Log4j tools.
* Used version controller tools like Subversion and CVS, Bitbucket, Clear Case, Tortoise SVN and Git.
* Hands-on experience working with Continuous Integration (CI) build-automation tools such as Maven, SVN, CVS, Jenkins and Apache Ant.
* Experience on working with Amazon S3 buckets as a storage and archive and creating user/resource-based security IAM policies for the S3 bucket.
* Provide daily support with resolution of escalated tickets and act as a liaison to business and technical leads and ensure issues are resolved in timely manner.
* Well experienced in collaborating with onsite as well as offshore teams and coordinating with business to convert business requirements into technical specifications.

**TOOLS/TECHNOLOGIES**

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| Languages | Java, SQL, Golang. |
| Java & J2EE Technologies | Java, J2EE, JDBC, Hibernate, JSP, Servlets, EJB, JMS, Struts, Spring Framework, Java Beans, Web Services |
| Framework | Spring MVC, Spring boot, Spring security |
| Servers | Apache Tomcat, WebLogic, Web sphere |
| Databases | Oracle, DB, MySQL, Realm. |
| IDE/ Testing Tools | Eclipse, Android Studio, IntelliJ, Visual basic. |
| Database Tools | TOAD, SQL Developer. |
| Web Services | SOAP, RESTful, JAX-RS, Micro Services, AWS, Postman. |
| Software Management Tools | Bitbucket, SVN, WinSCP, CVS, VSS, Clear Case. |
| Build Scripts | Gradle, Maven, ANT, Jenkins |
| Methodologies | Waterfall, Agile. |
| Defect Tracking Tools | Bugzilla, Jira, Firebug. |
| Others | Log4J, JUnit, Ant, Maven, Putty, Jenkins |
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**EDUCATIONAL BACKGROUND**

B.S. in Computer Science Engineering - JNT University, 2014.

**PROFESSIONAL EXPERIENCE**

**Client : Fond - West Chicago, IL. Sep 2021 - Till Date**

**Role : Java Full Stack Developer.**

**Responsibilities:**

* Involved in designing and implementation of MVC design pattern for the application.
* Implemented Spring Dependency Injection and Aspect Oriented Programming using Spring Framework.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Designed, built and deployed application using the AWS stack (Including EC2, Mongo DB, Docker, Kubernetes Orchestration container (EKS) focusing on high-availability, fault tolerance and auto-scaling.
* Developed multi-threaded standalone app in Python, Saas, PHP, C++ to view Circuit parameters and performance.
* Designed and developed Micro Services business components and RESTful service endpoints using Golang.
* Changed the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Build Scalable Concurrent Backend Restful API using Golang, Mysql and deployed to Used HTML5, bootstrap, CSS3, Grid Gain, JBPM, Golang, JavaScript and Angular JS to Designed dynamic and browser compatible pages.
* Experience with configuration management tools like Ansible and Packer and automated the cloud deployments using Terraform.
* Developed microservices in Golang to process numerous data from various dB like Postgres, MYSQL.
* Worked with MVW frameworks like Django, /Angular JS, HTML, CSS, C++, XML, Java Script, jQuery, Bootstrap, JSON.
* Built Jenkins jobs to Create AWS infrastructure from GitHub repos containing terraform code.
* Developed scripts in Python to automate network application deployments in order to increase efficiency.
* Used Java 8 Lambda expressions to facilitate functional programming and for simplifying the development.
* Used Orchestration container Kubernetes for load balancing and to schedule the tasks across the computer cluster and load balancers for backend API services.
* Worked on building dynamic dashboards and reports based off Salesforce ECP Data resource.
* Developed backup and recovery engine using VMware vSphere APIs, Golang, and RabbitMQ Message Bus.
* Used Hibernate object relational data mapping framework to persist and retrieve the data from database.
* Developed a job server (REST API, Spring Boot, Oracle DB) and job shell for job submission, job profile storage, job data query/monitoring.
* Worked on Terraform to create stacks in AWS from the scratch and updated the Terraform as per the organization’s requirement on a regular basis and used in AWS.
* Used Spring Boot Actuator to externalize application's configuration properties for various environments. Configured Swagger-UI registered Microservice with Eureka to monitor services from Spring Boot console.
* Designed and implemented by configuring Topics in new Kafka cluster in all environments.
* Deploying applications on Servers like Tomcat and Linux, writing Shell scripts and Linux commands to support different applications on the server.
* Created a client-side application by consuming third party SABRE SOAP Web Service. This Web Service provides us the data for private fares of other carriers. Extensively used Web Services - WSDL and SOAP for getting the credit card information of third party.
* Created a server-side SOAP service to have multiple automation machines can consume data and run at the same time.

**Environment**: Java 1.7/1.8, J2EE 1.7/1.8, Realm for Android, Git, Bitbucket, IntelliJ 10.0.3, Android Studio 2.3.3, 3.0.1, Postman, SonarQube, Jacoco, Gradle build plugin, Moki, AWS, F5 Access.

**Client : Nielsen - Atlanta, GA. May 2018 - August 2021**

**Role : Sr. Java Developer.**

**Responsibilities:**

* Provide development work DT4\_Deltaworks Android application with Angular based UI and responsible for developing highly scalable and high availability systems.
* Involved in SDLC of application developed using AGILE methodology.
* Involved in developing presentational and container components using React and JSX.
* Involved in the team with Senior Developers to write JVM memory management code using different Object references and Garbage collector methods.
* Built multiple SDK’s in. Golang to be used by multiple teams across the company.
* Created Business Logic using Python to create Planning and Tracking functions.
* Transform the source data using Documents Transformation, XSLT, XPath and MVEL. Developed micro services using Java Spring Boot and Golang with Docker deployments.
* Developed Microservices using Spring Boot and Node JS to build more physically separated modular applications
* Developed DevOps tool in java which perform build, deployment, code review status, file transfer and seeing logs.
* Designed and developed the Integration, Business, and service layer that meet the business requirements.
* Interacting with team members to understand the business domain and helping them in solving technical problems.
* Implement microservices architecture using spring boot. Develop and set up microservices for standalone systems like store services and exception services.
* Developed client-server application using socket programming methodologies.
* Used Git as the version control tool and Maven, Jenkins as build and deployment tools.
* Develop test suites with JUnit and Mockito frameworks.
* Implemented REST service endpoints to consume the Profile Info from UI.
* Involved in production support and handling various client SRC tickets.
* Built APKs using Gradle and Tested across multiple environments.
* Implemented version controlling using Git, Source Tree, and Bitbucket.

**Environment:** Java1.8, SOAP, Realm for Android, Angular 2.0, MGI-ISI Simulator, Git, Bitbucket, IntelliJ 10.0.3, Android Studio 2.3.3, 3.0.1, Postman, SonarQube, Jacoco, Gradle.

**Client : CarMax ­**– **Austin, TX. October 2016 – May 2018**

**Role : Java Developer.**

**Responsibilities:**

* Involved in the complete SDLC (software development life cycle) of the application from requirement analysis to testing.
* Developed navigation flow, business flow diagrams (BPM), workflow diagrams for applications, and created Activity Diagrams / State Chart Diagrams using MS Visio.
* Followed Agile Methodology in analyzing, define, and document the application, which will support functional and business requirements. Coordinate these efforts with Functional Architects.
* Developed the application using J2EE Design Patterns like Business Delegate, Factory, Singleton, Session Facade, Service Locator, and DAO.
* Used Spring MVC module to develop MVC Architecture.
* Configured Spring Container to implement IOC/DI of the Spring Beans, and to manage the beans life cycle.
* Used Jersey to implement Restful Web Service and used XML form to transfer the data.
* Configuration, Cache & logging Services.
* Developed front end using Struts framework, business components using EJB’s.
* Designed and developed Caching and Logging service using Singleton pattern, Log4j. Designed and developed front-end using struts framework. Used JSP, JavaScript, JSTL, EL, Custom Tag libraries, Tiles and Validations provided by struts framework.
* Developed stored procedures and complex packages extensively using PL/SQL and shell programs.
* Executed bulk migration of data on AWS DynamoDB from one AWS account to another corporate AWS account using Delta Migration Strategy with zero downtime.
* Developed Micro Service to provide RESTful API utilizing Spring Boot with Spring MVC.
* Provided Technical support for production environments resolving the issues, analyzing the defects, providing and implementing the solution defects.

**Environment**: Java1.8, J2EE1.8, Spring Boot Framework, Microservices, Hibernate, SOAP, Restful API’s, SQL, Maven, Jenkins, WebSphere, Apache Tomcat, SSO, Oauth2, JWT, Elliptical curve, Junit, TestNG, Sonar Lint, Clover, Bit bucket, Splunk, IntelliJ 10.0.3, Postman.

**Client : AIG - NYC, NY January 2015 – September 2016**

**Role : Java Software Developer.**

**Responsibilities:**

* Involved in complete SDLC management – Requirements gathering, Design, Analysis, Development and Testing
* Used AWS like EC6, SNS, SQS, S3, LAMBDA, Amazon Cloud Watch, Amazon Simple DB, etc.
* Used Struts framework along with JSP, Servlets, HTML, CSS, jQuery and JavaScript to construct dynamic web pages.
* Involved in the implementation of Stateless session beans for business logic layer and Entity beans forAIG.
* Used JPA mapping techniques such as One to One and Many to Many mappings to represent relation in the project.
* Worked Oracle database to create databases of student and faculty login information and their desired areas of study.
* Performed validation for client side as well as server side with the help of Struts Validation Framework.
* Worked in an Agile process to streamline the development process with iterative development.
* Worked with a variety of issues involving multi-threading, server connectivity and user interface.

**Environment**: Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, React JS, Servlets, Spring, Struts, Hibernate, Web services, SQL, BPM, Oracle, Golang, GWT, Stash, AWS.