# Shahensha Sheik

**Full Stack Java Developer**

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**Professional Summary:**

* Having 8+ years of experience in Cross-Platform (Web & Client-Server) application development and design using Object-Oriented Programming, Core Java, J2EE technologies
* Expertise in several J2EE technologies like JSP, Servlets, Struts, Spring MVC, Spring Boot, Web Services (SOAP, REST) and JSF
* Utilised Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application
* Extensive experience on developing web applications using Spring Boot, Spring Security, Spring Core, Spring MVC, Spring AOP, Spring Actuator, Spring ORM, Spring JPA and Spring REST
* Experience in using Core technologies like Java, Spring Boot, Microservices, Java Beans, EJB, JavaScript, Web Services, AngularJS, Typescript, jQuery, MVC
* Strong experience in Core Java skills including Multithreading, Collections, Garbage Collection, Stream API, Parallel Streams, exception handling
* Proficient in creating and consuming SOAP and RESTful web services in Spring Boot using JAX-WS, JAX-RS, and Spring Rest Controller
* Implement OAuth2 0 for authentication-based web applications and access their APIs for fetching data services
* Good understanding of implementing web applications using ReactJS framework
* Strong working experience on SQL Databases like MS SQL Server, Postgres and Oracle
* Experienced in Node environment using Node js, npm
* Experience in working with API’s (SSL, CORS, JWT), API Gateway, REST and SOAP Web Services using Ajax, JSON
* Developed JSON Scripts for deploying the Pipeline in Azure Data Factory (ADF) that process the data using the Sql Activity
* Experiences in using build/deploy tools such as Jenkins, Docker and AWS for Continuous Integration & Deployment for Microservices
* Developing user-facing applications using React JS.
* Experience in CI CD pipelines to integrate the Java code to align with DevOps using Docker
* Good experience on working with Amazon Web Services like EC2, S3, Amazon SimpleDB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Cloud Watch
* Experience in writing ANT, Gradle, Maven and Jenkins build scripts, writing unit test cases using JUnit, Mockito, Easy Mock, TestNG and used Log4j, Slf4j, Log InSight for bug tracking
* Hands on exposure to multiple Application Servers like BEA Web Logic Application Server, Apache Tomcat, WebSphere and JBoss
* Used Cucumber, cypress for services automation and created the Feature Files for Cucumber Automation
* Experience in working with frontend testing tools like Karma, Jasmine, and Jest.
* Experienced in using Version Control Tools such as Git, Subversion, CVS, and Clear Case
* Excellent skills in programming using a wide variety of languages and the ability to adapt to new latest technologies and work in a Multi-platform environment.

**Technical Skills:**

**Operating System** Windows, Linux, Marcos **J2EE Technologies**

EJB, Hibernate, Servlets, JSP, JMS & JDBC

#### Front End Web Technologies

HTML5, XML, CSS3, JavaScript, Angular2/4/5/6, React Js

#### Web Services & API Development

REST APIs, JAX-RS, JERSEY, SOAP, WSDL, JAX-WS

#### IDEs

Eclipse, RSA development IDE

**Scripting Languages** Java script, jQuery **Database**

Oracle 10g/11g/12c, My SQL server

#### Web Server

Tomcat 9 1, Web Logic 7 0

#### Design patterns

MVC, Singleton, Business Delegate, Service Locator, Session Facade, DTO, DAO, Factory Pattern etc ,

#### Frameworks

Struts, CSS Frameworks, Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, DWR, log4j AngularJS

#### Version Control

SVN, GIT, BITBUCKET

#### Cloud Technologies

AWS, Azure, Google cloud

**Professional Experience:**

**Full Stack Developer**

### Client: Capital One, Richmond, VA Nov 2021 – Till Date Responsibilities

* Involved in various phases of Software Development Life Cycle (**SDLC**) as requirement gathering
* Modified the UI screens created by web designer using **HTML5**, **CSS3**, and **JavaScript**, **React js**
* Worked in using **React JS components, Forms, Events, Keys, Router**, **Animations** and Flux concept
* Leveraged React JS resources for all data access, encapsulating URLs and standardising data access interfaces
* Maintaining Parent and child elements by using State and Props in React js
* React and Functional Driven **JavaScript** expert in SPAs, UI Components, Mobile web and Performance optimization
* Created custom filter in **React JS** in the application
* Used services to read data from remote server using React JS
* Used **React JS** library functions for the logical implementation part at client side for all the application
* Used React JS for templating for faster compilation and developing reusable components
* Created reusable React components and managed application state with Redux
* Used **Redux** - Form to manage form state in **redux**
* Followed **Agile** Methodologies to promote iterations, collaboration, and process adaptability and participated in **SCRUM** meetings
* Designed and actualized application utilising **Spring Boot, Spring MVC, Spring IOC, Spring AOP, Spring Transactions, Spring JDBC**
* In charge of actualizing the business necessities utilising **Spring Data and Spring Secur**ity
* Implemented **Microservices** platform build upon **Spring Boot Services**
* Worked on development and implementation of the **MVC** Architectural pattern using **Spring Framework**
* Developed the application with various Spring Framework modules like **Spring MVC, Spring IOC, Spring AOP, Spring Boot, Spring Security**
* Implemented **Batch jobs** to deal with large number of chunks using Spring Batch Framework to execute the similar jobs simultaneously
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture
* Involved in using **JPA** (Java Persistence API) frameworks and **APIs** as **JDO** and **Hibernate**
* Developed presentation layer using JSP, HTML5, CSS3 and client validation using JavaScript
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications
* Wrote services to store and retrieve user data from **MongoDB** for the application on devices
* Worked on **Log4J** to validate functionalities logging errors, messages and performance logs and Mockito framework JUnit for unit testing

## Experience in using build tools such as **MAVEN**

* Developed **Docker** based microservices deployment modules with **Jenkins 2** 0

## Experience in using **GIT** as version control and **JIRA** for bug tracking

* Utilised **Amazon Web Services (AWS) EC2** to deploy Docker containers
* Websphere is used as an Application Server to Deploy the Application
* Implemented a centralised logging system using log stash configured as an **ELK stack (Elastic search, Log stash, and Kibana**) to monitor system logs, **AWS Cloud Watch, VPC Flow logs**, changes in **S3** etc
* Created Reusable Modules and Custom Directives in Angular 6 0 which got used in various places of application
* Implemented Angular Controllers to maintain each view data Implemented Angular Service calls using Angular Factory tested all application controllers extensively with **AngularJS** built-in testing facilities
* Using **UI Bootstrap** coupled with AngularJS to create popovers, Modal Windows, Alerts and Accordions to give the site expressive and dynamic functionality
* Applied **Angular 2** features like building the components and binding the data using data binding methods
* Worked on Java 1 8 features such as **Lambda Expressions** for making anonymous inline function calls by using Functional Interfaces which makes code readable and concise
* Used **Apache POI** for uploading Excel files and optimised the load time by extensively leveraging Java8 **lambda expressions, Streams and parallel Streams**
* Worked with core java concepts like **Collections Framework, Multithreading and Memory management**
* Involved on development of **RESTful** web services using **JAX-RS** in a Spring based project

**Environment:** Agile Methodology, Java 1.8, J2EE, React, Ajax, Bootstrap, JavaScript, Angular 2, Hibernate, Spring MVC, Spring IOC,

Spring boot, Spring security, NodeJS, OAuth , XML, GIT, JSP, JUnit, Maven, IBM WebSphere, Apache AXIS, JAX-RS,

Restful, Amazon Web Services (AWS), Micro Services, Log4J, Oracle, Docker, Mockito, MongoDB, JIRA and Spring Tool Suite

### Full Stack Developer

**Global Atlantic Financial Group Limited-New York, NY Jan 2020 to Oct 2021**

### Responsibilities

* Involved in Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM) in a Test-driven Development (TDD) approach
* Designed and implemented an application using **Spring Boot, Spring IOC, Spring transactions, Dependency Injection, Spring Annotations, Spring Actuator, Spring Container** managed transactions
* Implemented the authentication and authorization of the application using Spring Security and OAuth2
* Developed all **REST APIs** using Hystrix commands and Feign clients for efficient fault tolerance and handling fallback mechanisms
* Used Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache **Kafka** message brokers
* Developed and designed the web interface using **HTML5, CSS3, TypeScript, Angular 8**
* Used Angular 8 as framework to create Single Page Applications which can bind data to specific views and synchronise data with server
* Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes
* Used Ansible Playbooks to setup Continuous Delivery Pipeline Deploy micro services, including provisioning AWS environments using **Ansible Playbooks**
* Implemented the authentication and authorization of the application using **Spring Security and OAuth2**
* Worked on **Swagger API** and auto-generated documentation for all **REST** calls
* Implemented persistence layer using **Spring JDBC** template to store the data in Oracle database
* Involved in maintaining and updating the procedure for ETL process
* Used Oracle as database and Involved in the development of **PL/SQL** backend implementation and using SQL created CRUD, Views, Joins, Indexes, and Procedures statements
* Experienced in writing real-time processing and core jobs using Spark Streaming with Kafka as a data pipe-line system
* Implemented **Spring boot** microservices to process the messages into the Kafka cluster setup
* Developed **Mockito** and **JUnit** test cases to improve code coverage
* Developed and performed test cases using Jasmine and Karma for front end unit testing and used the **Cucumber**, **Protractor** and Http-server for the End 2 End testing
* Created **JSON** request and validated the response using postman Interceptor and Swagger UI
* Setup CI/CD pipeline process for the application using the Jenkins
* Changing the AWS infrastructure Elastic Beanstalk to **Docker** with **Kubernetes**
* Moving existing monolithic architecture to microservices and migrating them to AWS cloud
* Used AWS Services platform to upload data into **AWS S3** buckets and creating EC2 instances
* Apache Maven tool has been used for the build and deployment of the application
* Monitored the Error logs using **Log4j** and fixed the problems
* Implemented the function to send and receive messages on ActiveMQ synchronously and asynchronously
* Implemented **Zipkin** for distributed Microservice Monitoring
* Worked on Jenkins for the Continuous Integration and Continuous Deployment
* Worked on AWS Cloud watch and AWS ALB for Load balancing and worked on ELB for the performance testing by sending 5000 requests per minute
* Utilised AWS Services platform to upload data into AWS S3 buckets and creating EC2 instances
* Used Azure Repos to maintain the version of the files
* Integrated **Swagger** UI and wrote integration test along with REST document
* Worked with unit testing of **Angular** applications using Jasmine and Karma and Spring Boot applications using JUnit, Mockito and performed end to end testing using Protractor

**Environment:** JDK 1 8, Spring, Hibernate, Spring Boot, LINUX, Maven RESTful Web Services, AWS, Jenkins, Docker, Kubernetes, HTML5, CSS3, React JS, Bootstrap, JavaScript, jQuery, Ajax, Node js, MongoDB, SoapUI, Postman, API Life Cycle, JUnit, JMeter, Git, JAX-RS, JIRA, Cucumber, Putty, Agile

### Full Stack Developer

**Mr Cooper - Coppell, Texas May 2017 to Nov 2019**

**Responsibilities**

* Designed, developed, and tested HTML5, CSS3, Bootstrap, JavaScript, jQuery and React JS that meets accessibility and web browser standards for website
* Used Spring Boot, which is radically faster in building cloud Micro Services and developing **Spring MVC**, based applications with very less configuration
* Addressing heavy traffic situations and migrating user-specific data off service instances and into a shared by using Micro services
* Designed **REST** and **SOAP** services
* Designed and developed the Restful web services using the JAX-RS API to communicate over the network
* Used React JS for templating for faster compilation and developing reusable components
* Developed, implemented, and tested Node js applications
* Written lightweight Node js express server, and using technologies like Ajax, **JavaScript/jQuery**, JSON to make connections between server and **NoSql** databases like MongoDB
* Implemented BDD through Cucumber Created the Feature Files for **Cucumber** Automation
* Developed Mockito and Junit test cases to improve code coverage
* Implemented BDD through Cucumber Created the Feature Files for Cucumber Automation
* Designed and developed the **RESTful** web services using the JAX-RS API to communicate over the network
* Worked on presentation layer to develop JSP pages and embedding **CSS**, **JavaScript**, **DOM** and

#### HTML

* Implemented **AJAX** for couple of navigation screen flows for asynchronous calls
* Configured new actions, result types and global errors in struts xml and used struts tiles to create application web pages
* Worked on design patterns which include Decorator, Facade, Front **controller**, Intercepting filter and **MVC**
* Developed **Mockito** and JUnit test cases to improve code coverage
* Worked on creating, retrieving, updating, and deleting documents in **MongoDB**
* Designed an API Life Cycle template for the API business objectives before building a programmatically accessible platform
* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL Server, T-SQL Enhanced the application efficiency by using C# new Async and Await features to perform asynchronous operations
* Worked on creating, retrieving, updating and deleting documents in MongoDB
* Experience in writing unit tests using JUnit and EasyMock
* Tested the performance of our **API using SoapUI, Postman, and JMeter**
* Used Jenkins server for code monitoring during code integration phase
* Implemented modular approaches for backend on AWS’s Elastic Beanstalk and implemented interfacing with MySQL/Aurora DB on AWS’s RDS, allowing for scalability
* Utilise EBS to store persistent data and mitigate failure by using snapshots
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis
* Worked in an Agile based development environment and participated in Retrospective, Scrum session for better understanding, communication among team members

**Environment**: JDK 1 8, Spring, Hibernate, Spring Boot, LINUX, Maven RESTful Web Services, Jenkins, HTML5, CSS3, React JS, Bootstrap, JavaScript, jQuery, Ajax, Node js, MongoDB, SoapUI, Postman, API Life Cycle, JUnit, JMeter, Git, JAX-RS, JIRA, Cucumber, Putty, Agile

### Full Stack Developer

**Molina Healthcare - Long Beach, CA Feb 2016 to April 2017 Responsibilities**

* Involved in Agile standup meetings with team members on regular basis and tracked the update on projects using JIRA and HP ALM
* Understand and adopt Microservices architecture to gradually replace a core monolithic application to Micro services
* Actively participated in the Analysis, Design, Development and Testing phases of various modules
* Expertise in spring based microservices, and enabled discovery using Eureka Server
* Designed and developed **Restful** Web Services using Spring Boot
* Developed server-side application to interact with database using Spring Boot and Hibernate
* Developed restful Services with Java using **JAX-RS,** Jersey and Spring Boot
* Coding for consuming the REST APIs, getting JSON response and parsing them to get the required formats
* Implemented Angular 2 Services for connectivity between web application and back-end API'S using TypeScript
* Developed single page applications using Angular, Typescript
* Use Amazon Cloud Watch to monitor AWS services & Amazon CloudWatch logs to monitor the application
* Installed application on **AWSEC2** instances and configured the storage on **S3** buckets
* Invoked HTTP requests and used RxJS Observable library to handle multiple values over time
* Developed real time chat application using Node js (socket io based on socket technology, Express JS framework)
* Implemented Spring JMS message listeners to consume **JMS messages** from queues and used Spring transaction management to manage the transactions in the application
* Created various unit test cases and integration tests for the DAO, Service, and Controller components using Junit classes, and Mockito
* Used Jasmine and Karma for unit testing and automated Angular applications using Protractor
* Used Git repository for version control, Maven, Node for building the application and Jenkins for continuous integration
* Installed application on AWS EC2 instances and configured the storage on S3 buckets
* Extensively used **Log4j** for logging throughout the application

**Environment:** Agile, JIRA, HP ALM, HTML5, CSS3, JavaScript, TypeScript, Ajax, jQuery, JSON, JDBC, Bootstrap 3, Angular 2, XML, JAXP, SAX, DOM, Spring, Hibernate, LINUX/UNIX, Node js, Express, MySQL, HQL, JMS, JBoss, Apache Tomcat, Junit, Spring Web flow Tests, Protractor, Jasmine, Karma, Git, Ant, Jenkins, Log4j

# Java/J2EE Developer

**Netxcell Ltd. Hyderabad, India Oct 2013 to Dec 2015 Responsibilities:**

* + Developed functional and non-functional features of the enterprise applications based on

the business needs.

* + Involved in developing proof of concepts, designing the system components, coding, and integration testing.
  + Participated in all Agile scrum ceremonies, project planning, design discussions and release planning activities.
  + Developed and maintained web services using RESTful API. Used JBOSS Developer Studio for developing the code.
  + Involved in development of User Interface using JSF, Rich Faces, Prime Faces, HTML/HTML5, CSS, JavaScript, jQuery, AJAX, and JSON.
  + Integrated Spring- Hibernate frameworks for ORM functionality in spring framework.
  + Used Java/J2EE Design Patterns such as DAO pattern, MVC pattern, Session Facade, singleton in the project extensively, which facilitates clean distribution of roles and responsibilities across various layers of processing.
  + Designed Java classes using Spring Framework to implement the Model View Control (MVC) architecture.
  + Wrote complex SQL queries and programmed stored procedures, and control files for loading large amounts of data using Oracle.
  + Used Oracle SQL developer for the writing queries or procedures in SQL. Performed Module and Unit Level Testing with JUnit and Log4j.
  + In production support responded to service tickets and service requests within established time-based requirements.

**Environment**: Java 1.7, J2EE (JSP, Servlets), JMS, JavaScript, jQuery, HTML, API, CSS, Bootstrap CSS, JSF 2.0 X, Hibernate, Spring, Linux, XML, XPATH, Shell scripts, Perl Scripts, Oracle 9i, Eclipse, JBOSS.