**Sneha Kasina**

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**SUMMARY:**

* 8+ years of experience in Java Full Stack Developer, Software Development Life Cycle, Object Oriented programming, developing, and testing of Client/Server, Enterprise, and Web Applications, software Architecture, design, development, and integration using Java/J2EE technologies, as Back-End and End-to -End for both cloud and non-cloud environments.
* Practical experience working with Agile methodologies such as Scrum and Kanban. Experienced with process of user stories or ticketing systems using JIRA and participating in agile ceremonies.
* Experience in working with various Software Development Life Cycle (SDLC) methodologies based on Agile, Scrum, TDD/BDD, Waterfall Model, Iterations.
* Experience in Manual & Automated Testing of GUI and functional aspects of client – server and web-based applications on multiple levels of SDLC and software Testing Life Cycle.
* Well versed in Java, JDBC, JavaBeans, jQuery, Spring Frameworks, Hibernate, Struts, JSP, JavaScript, Servlets, EJB, XHTML, Adobe Flex, Json, HTML5, CSS, Nodejs, Tiles and Tag Libraries.
* Developed high performance customer facing and internal applications using Angular 8/10/12/14, React, Redux, React Hooks, React-Router, Bootstrap.
* Designing and developing innovative, high quality, high performance, maintainable and effective J2EE web Applications. Core Java concepts such as OOPs, data types, variables, loops, control structures, exception handling, collections, and threading.
* Proficient in designing and developing J2EE applications using MVC Pattern Struts Framework, Springs Framework and web services.
* Implemented TDD framework using jest for front end frameworks React & angular and Junit for java frameworks like Spring and Spring boot.
* Developed custom API layer to handle all CRUD transactions, JWT token management and implemented interceptors to embed custom headers.
* Experienced in developing end to end automation using Selenium WebDriver/RC/IDE/Grid, Unit test/Py test, Jenkins, GHERKIN/Cucumber, Robot, ALLURE reporting, RESTful API and Postman. Ability to design, deploy, and manage Docker containers using ECS.
* Familiar with building, deploying, monitoring, and testing applications and environments using Git, Jenkins, Docker, AWS, Hadoop, hive, NodeJS and Google GCP.
* Proficient in using Amazon Web Services AWS. Extensive experience focusing on services like EC2, Lambda, S3, API Gateway, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic ache, SNS, SQS, DynamoDB etc.
* Proficient in creating partition and hash keys, along global secondary and local indexes on DynamoDB.
* Good Knowledge in Amazon Web Services ecosystem (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS and Amazon CloudFront).
* Used AEM to develop, design and as content management system.
* Demonstrable experience designing and implementing complex applications and distributed systems into public cloud infrastructure (AWS, GCP, Azure)
* Experienced in databases such as Oracle, MS SQL, and Postgres to manage tables, views, indexes, sequences, stored procedures, functions, triggers, and packages.
* Expertise in developing and consuming RESTful Web services and developed Restful API with JSON and XML.
* Highly proficient in developing and deploying Java/J2EE applications on Application Servers IBM WebSphere, JBOSS, Apache Tomcat server, JBOSS and WebLogic.
* Experienced in unit test using jasmine on karma, and End2End testing using protractor and http-server.
* Proficiency in working with NoSQL databases like MongoDB, Cassandra, Elastic Search.
* Solid background in core java concepts like Advanced oops concepts, Garbage Collection, Exception Handling, Multithreading, synchronization, serialization, IO, Collection Framework, Java Beans, Executor services, Thread pools and dependency injection.
* Experienced in designing point-to-point and publish & subscribe java message-oriented middleware models (MOM) using Active MQ, Rabbit MQ and Strom MQ.
* Strong knowledge of the Kafka Connect framework, with experience using several connector types: HTTP REST proxy, JMS, File, SFTP, JDBC, Splunk, and how to support wire-format translations
* Experience with cloud orchestration and container technologies such as Docker and Kubernetes to manage microservices and connectors in the cloud.
* Hands on experience of writing, maintaining automated UI and APIs tests written in Java, JavaScript, C++, Python using various open-source testing libraries like Selenium, Cypress, REST Assured, etc.
* Worked in container-based technologies like Docker, Kubernetes and OpenShift.
* Experience with Docker containers, leveraging Linux Containers and AMI's to create Docker Images/ containers.
* Experienced in working with the DevOps CI/CD pipelines using OpenShift and Kubernetes for the Microservices based architecture.

**TECHNICAL SKILLS:**

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| **Web Technologies & services** | Java, HTML5, CSS/CSS3, Java Script, TypeScript Angular, React, NodeJS, jQuery, Bootstrap, SOAP, Restful API, Microservices, AZURE, AWS (Amazon Web Services). |
| **JAVA/J2EE Technologies** | Java, J2EE, Swing, Multithreading, Sockets, Servlets, JSP, Java Beans, JSTL, JSF, Struts, Spring, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, JTA, JMS, SOAP/Restful Web Services. |
| **Web/App Servers** | OpenShift, Kubernetes, IBM Web Sphere, Apache Tomcat, J Boss, Web Logic Server. |
| **Cloud Technologies** | AWS, GCP |
| **ORM Technologies** | JDBC, JPA, Spring Data Objects. |
| **Languages** | C, Java, JavaScript, Typescript, Python, SQL. |
| **Relational Databases** | Oracle DB, RDBMS, MySQL, DB2, PostGres |
| **NoSQL Databases** | MongoDB, Cassandra, Elastic Search, DynamoDB |
| **Design Patterns** | MVC, Front Controller, Session Façade, Singleton, Page Object Model design pattern (POM), Business Delegate and DAO patterns |
| **Testing Tools/ Others** | JUnit, Soap UI, Putty, Post Man, selenium |
| **Build Tools** | Maven, Jenkins, Gradle, ANT  |
| **DevOps tools** | Ant, Maven, Gradle, s3 bucket, Docker, Kubernetes, Jenkins, Circle CI. GitLab CI etc.  |
| **Version Control** | Tortoise SVN, CVS, Rational Clear case, GitHub. |
| **IDE / Tools** | Eclipse, WebStorm, IntelliJ, NetBeans, Visual Studio Code. |
| **Methodologies** | Agile, Waterfall. |

**PROFESSIONAL SUMMARY:**

**Duration: Aug 2021 to Present**

**Client: Lowes, Charlotte, NC**

**Role: Sr. Full Stack Developer**

**Project:** Lowe's Companies Inc (Lowe's) is a home improvement products' retailer. The company's product portfolio includes kitchen appliances, building materials, tools and hardware, and lawn and garden. Developed use analytics portal to search with certain criteria and get the target audience to send the campaigns and promotions.

**Responsibilities:**

* Involved in Brain-Storming sessions, Daily Scrum meetings, Sprint planning and estimation of the tasks for the user stories in Agile Environment. Participated in PI planning to decide dependencies, assumptions and estimations.
* Used Agile methodologies like Scrum and Extreme Programming (XP), and Agile practices like Continuous Integration, Test-Driven Development (TDD), Behavior-Driven Development (BDD) and pair programming.
* Used epic to created stories in JIRA and assigned it to the team. Responsible for designing and implementing initiatives and User Stories.
* Developed Responsive Design UI, Single Page Applications and HTML Wireframes using Angular, Angular Js, Angular CLI, React Js, Redux, Flex, HTML5, JavaScript, Type Script, CSS3, Bootstrap. Created content pages with CSS3 layout and style markup presentations and used JavaScript methods and properties.
* Used Angular 12 Reactive forms to implement complex forms and performed the validations using Form Builder.
* Consumed RESTFUL web services using Angular HTTP Module and transformed the response using RXJS operators.
* Used the Angular Directives, Dependency Injection, Services, Routing, pipes, Animations, Forms etc.
* Extensively used JAVA 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms for payment system module classes.
* Used Java 1.8 features like stream, lambda expressions, functional interface, collections, Date/Time changes and type annotations.
* Performed GitHub bash and Terminal commands to clone, fetch, merge, pull, and push the code.
* Worked with Amazon Web Services (AWS), services like EC2, Lambda, S3, API Gateway, IAM, ELB (Load Balancers), RDS, VPC, Route53, Cloud Watch, Cloud Formation, SNS, SQS, DynamoDB etc.
* Developed and deployed a Microservice application utilizing almost of the AWS Stack including S3, EC2, DynamoDB, Kinesis, SNS and SQS.
* Created AWS Cloud formation and launch configurations to automate repeatable provisioning of AWS resources for applications.
* Created S3 buckets also managing policies and Utilizing S3 bucket and Glacier for storage and backup on AWS.
* Involved in ANT, Maven and Gradle with respect to their tags, tasks and targets, dependencies, and coordinates to write pom.xml and build.xml, and stored the built artifacts in Nexus and JFrog repository.
* Was responsible to architect the backend framework and implement it using Java, J2EE, EJB, Spring, Spring boot.
* Adept skills in working with applications developed using Object Relational Mapping frameworks like Hibernate and MVC frameworks like spring and its subsidiary modules such as Spring MVC, Spring Boot, Spring IOC, and Spring AOP.
* Worked with Spring-hibernate, spring security, spring validations and Spring-JDBC integration on various web-applications.
* Worked on Continuous Integration (CI) and Continuous Delivery (CD) implementation process using Jenkins and Docker.
* Set-up databases storage using S3 bucket and configuring instance backups to S3 bucket. prototype CI/CD system with GitLab on GKE utilizing Kubernetes and Docker for the runtime environment for the CI/CD systems to build and test and deploy.
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Used Kubernetes to deploy scale, load balance and manage Docker Containers with multiple namespace versions.
* Developed and performed test cases using jasmine and karma in the unit test, and used protractor and http-server for the End2End testing.

Environment: Java 1.8, STS, Gitlab 7.0, Oracle 12c, JMS, ActiveMQ, Angular, Angular-CLi, High charts, Webpack, typescript, SQL, Apache Camel, HIML5, C553, Node.js, Java Script, Restful, JSON, XML, JUnit 4.9, Spring 4.2, Spring Boot, Spring AOP, Spring JPA, Hibernate 4, Log4j, Tomcat server, JBOSS, Protractor, Jenkins, OpenShift, Kubernetes, Apache, AWS

**Duration: Aug 2020 to July 2021**

**Client: Intercontinental Exchange (ICE), Atlanta, GA**

**Role: Software Engineer I**

**Project:** This is migration project from Adobe flex spring application to React and spring boot microservice architecture at backend. ICE is a stock exchange company which act as buyer to seller and seller to buyer like a broker or middleman. the current project I am working on takes all the trading activity that happened today and will generate the settlement price for each commodity. This settlement price will be sent to clearing house which does the transaction between buyer and seller. How much amount needs to transferred depending on this settlement price.

**Responsibilities:**

* Developed UI Layer from Scratch for the application using HTML5, CSS3, Angular 12/14, Typescript and Bootstrap.
* Worked moving of Angular 8 controllers to Angular 12 Components for more responsive of the application.
* Implement client-side interface using Angular 12 and Node.js to structure JavaScript in an MVC.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON, and XML.
* Involved in developing latest version of Object-Oriented JavaScript Libraries like Angular and had hands on experience with Web Responsive using Bootstrap's templates.
* Actively participated in user story discussions and planning to analyze the level of effort on project specifications. Also involved in development and grooming of Project Backlog stories with business and technology partners.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Object storage service Amazon S3 is used to store and retrieve media files such as images.
* Amazon EC2 is also used for deploying and testing the lower environments such as Dev, INT and Test.
* Worked on MVC architecture and Front control design pattern using Spring MVC Framework for Presentation layer and written code for spring dependency injection.
* Designed and developed web interfaces and business logic using spring, JSP, Servlets, JavaBeans, Spring JDBC, Java Script, HTML, and XML Technologies.
* Used Rest Controller in spring framework to create RESTful Web services and JSON objects for communication.
* Developed Spring JMS Message listeners to process messages asynchronously between new services and legacy services.
* Migrated the Spring MVC legacy application to Spring Boot. Implemented the application using Spring Boot Framework and handled the security using Spring Security.
* Used various Bootstrap components such as calendars, masks, uploaders, sliders, alerts, and modal dialogs for developing the UI.
* Used Elasticsearch for powering search, logging and monitoring systems end to end. Responsible to designing and deploying new ELK clusters (Elasticsearch, Logstash, Kibana, beats, Kafka, zookeeper etc.
* Expertise in writing UI automation tests using selenium JavaScript, Protractor and Cypress.
* Experience with messaging systems like Kafka, Kafka event sourcing, ActiveMQ and RabbitMQ.
* Experience in creating and handling real time data streaming solutions and handling messaging services using Apache Kafka.
* Used micro service architecture with Spring Boot based services interacting through a combination of Rest and Apache Kafka event processing.
* Design and implement dead letter queues to reprocess failure events. Involved in design and end to end implementation for event-driven systems.
* Used JPA with entity beans to interact persistence layer for crud operations with native queries.
* Developed various Junit test cases for unit and functional testing respectively.
* Using git lab for versioning and deploying app in Kubernetes cluster.
* Developed CI/CD system with GitLab on Kubernetes environment utilized docker, sonar, and Kubernetes at runtime in CI/CD system to build, test, and deploy.
* Involved in various SDLC phases like requirement gathering, design, analysis, and code deployment.
* Converted legacy multipage e-commerce adobe application into a React application, utilizing Redux, React, React-Router, React hooks, SCSS, and HTML.
* Partner with product management and product development to drive adoption and massively scale IoT capabilities throughout the enterprise.
* Create a workflow to parsed different vendor files when dropped on s3 bucket and writing it to DynamoDB.
* Created multiple partition and hash keys, along global secondary and local indexes on DynamoDB.
* Worked with Mockito framework & JUnit test cases to provide more robust code, which helped cut down production issues. Worked with QA team during testing and provided fixes in timely manner, which helped complete sprint in timely manner.
* Developed Kafka consumer which invokes soap Api and process events into Oracle ERP system.

Environment: Java, React, Agile, HTML5, JPA, Spring Security, Spring boot, Spring Data JPA, Microservices, Junit, PL/SQL, web services, Maven, Spring MVC, IntelliJ IDEA, JIRA, AWS, GIT, Oracle 11g, postman, Spring Batch, GitLab, Docker, Swagger 2.0, S3, ECR, EBS, Apache Tomcat, postman, Mockito, SLF4J, Spark, Mac, Kubernetes, Express, Splunk, New Relic.

**Duration: July 2017 to Aug 2019**

**Client: Zebra Technologies, Bangalore, INDIA**

**Role: Java Full Stack Developer**

**Project:** Zebra is leader in creating the handheld devices. Developed a reporting dashboard to give customer Instant Business Intelligence about their Zebra Devices, When and How You Need It. Created a portfolio of tools to generate data-driven, actionable insights powered by Zebra Data Service get instant business intelligence about Zebra devices and leverage the most from customer assets.

**Responsibilities:**

* Involved in Daily Scrum (Agile) meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Developed rich, graphical, responsive user interfaces using Angular, JavaScript, HTML, CSS, SASS, Bootstrap.
* Developed UI components and charts for visualization.
* Collaborated with back-end developers for UI integration.
* Developed REST API microservices using Spring Boot, Java.
* Developed SQL queries for Postgres.
* Developed, enhanced and maintained a Spring Boot based Microservices application.
* Implemented the service layer using CXF framework and designed a full-fledged RESTful based Web Services.
* Used spring framework features like Spring IOC, Spring AOP and Spring Batch.
* Used Node.js and Express.js Framework to set up middleware to respond to the HTTP request and MongoDB for persisting information from API developed.
* Developed complex transforms for Elastic Search involving aggregations, scripted metrics, and calculations.
* Developed and executed Junit tests.
* Coded, built, unit tested, integrated, packaged, and deployed components.
* Familiar with building, deploying, monitoring, and testing applications and environments using Git, Jenkins, Docker, AWS.
* Python scripts to populate data in Elastic Search using AWS Lambda triggers.
* Performed troubleshooting and resolution of defects and shared technical knowledge with the wider team
* Work along-side customers to delivery BQ migrations leveraging best-in-breed third-party tooling.
* Performed Unit Test using Jasmine, jest test framework.

Environment: Java 1.8, Angular, HTML5, CSS3, Spring boot, JPA, Batch, Microservices, Junit, PL/SQL, web services, Maven, IntelliJ IDEA, JIRA, AWS, GIT, Oracle 11g, Maven, postman, Jenkins, Swagger 2.0, Apache Tomcat 8.5

**Duration: Jun 2015 to July 2017**

**Client: Tricon Infotech, Bengaluru, India**

**Role: Java Developer**

**Project:** Tricon Infotech is a leading software strategy, architecture, and engineering company that delivers efficient, automated solutions and full digital transformations through Product Development as a Service and enterprise platform implementations.

**Responsibilities:**

* Involved in Software Development Life Cycle SDLC. Gathering business logic and requirements, then figure out technical solutions for better implementation.
* Implemented Agile (Scrum) Methodology that includes daily scrum meeting with team, sprint planning and estimating the tasks for the user stories.
* Gathered and analyzed the requirements and converted them into User Requirement Specifications and Functional Requirement Specifications for the designers and developers to understand them as per their perspective.
* Created Use Cases, Class Diagrams, and Sequence Diagrams using UML on Rational Rose.
* Implemented the Graphic User Interface GUI by coding in HTML5, CSS3, Bootstrap, JavaScript, jQuery, and jQuery UI.
* Experience on Atlassian tools like Confluence and Jira.
* Defined Hibernate configuration and mapping files. Also involved in developing the mapping classes to perform the Create, Read, Update and Delete CRUD operations.
* Used Ant Scripts to automate and build the deploy process.
* Involved in developing an internal tool framework for analyst, customer service representatives using Spring Boot.
* Involved in the development of the presentation tier using Spring MVC and Spring Web flow.
* Involved in developing environment specific Spring Boot property files for various environments (Dev, QA, Staging and Prod).
* Used GIT to track and maintain the different version of the application.
* Involved in writing test cases for testing the Business components developed in spring and hibernate using Junit and TestNG framework.
* Used SVN as source control management giving a huge speed of advantage on centralized systems that must communicate with the server.

Environment: Agile methodology, JavaScript, jQuery, JSON, Eclipse, REST, Tomcat, MySQL, JDBC, Node, Red5, SOAP

## Education:

 NIT Raipur, India – 2011 - 2015

Bachelors in Electronics and Communications