**Name: Sai Chandra**

**Phone No: (201)-688-3580**

**Email Id: nscus123@gmail.com**

**LinkedIn:** https://www.linkedin.com/in/nscusa123/

**PROFESSIONAL SUMMARY**

* Around 10 years of IT experience in design and development on web technologies using Java, J2EE, implementing Java/J2EE technologies for application development in various layers of projects i.e., requirement gathering, analysis, design, documentation, implementation, Testing and deployment.
* Experience in development methodologies such as Agile, Scrum, Test Driven Development, and Waterfall.
* Expertise in Java programming and a good understanding of OOPs, Collections, Exceptions Handling, Input/output (I/O) Systems, Annotations, Enums, Concurrency, Multi-Threading, Lambdas, and Generics.
* Expertise in object-oriented technologies, client-server systems, web-based applications, and business applications. Design and development of web applications using HTML5, CSS3, JavaScript, ReactJS, AngularJS, jQuery, XML, Bootstrap JS, JSP, JSON, JSF, and AJAX.
* Experience in developing Web and Enterprise applications using technologies JDBC, Servlets, Session Beans, JSP, Java Server Faces (JSF), Java Persistence API (JPA), JNDI and JMS.
* Extensively worked on implementing Service Oriented Architecture (SOA) using XML Web Services, Handling HTTP Request, and responses, creating Web service clients, and handling communication calls to methods and External Interfaces.
* Experience in Jenkins, maven, and GIT also experience with JUnit, TestNG, Apache POI, and BDD framework.
* Good Experience in developing and consuming Micro Services, and application integration using Web Services such as JAXB, JAX-WS, SOAP, WSDL, JAX-RS, and RESTful.
* Experience in Message Queue (MQ) services like Apache Kafka, Rabbit MQ, Active MQ and IBM MQ.
* Experienced in developing and deploying applications to AWS using continuous integration tools like Jenkins.
* Experience in practical implementation of AWS Cloud-Specific technologies like S3, VPC, ELB, RDS, Cloud Front, Cloud Formation, Cloud Watch, Lambda, and Dynamo DB.
* Participated in the Cassandra cluster hardware setup, configuration, troubleshooting, and scaling process with the admin team.
* Experience in front-end technologies like HTML, CSS, JavaScript, AJAX, jQuery, JSON, DOM, XHTML, DHTML, Tag libraries, Bootstrap, TypeScript, Angular JS, and React JS.
* Created AWS Security Groups for deploying and configuring AWS EC2 instances.
* Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations, and Flux concepts.
* Extensive experience in Test case Development and updating by new functionality dependencies, and Test runs.
* Extensive experience in using loggers like Junit, and Log4j for creating logs of different categories and placing them in a file.
* Node.js microservices were integrated into the current Java-based architecture to provide seamless data flow and system interoperability.
* Well-versed with GUI, Functional testing, System testing, Database, Regression testing, and Integration testing.
* Strong programming skills in Core Java such as Multithreading, Collection Interface, I/O Streams, and Exception Handling; experience working with Databases like SQL Server, MySQL, Oracle and MongoDB.
* Have good experience in writing SQL queries, PL/SQL Procedures, Functions and Triggers and Cursors.
* Experience in Developing Applications using frameworks Spring Dependency Injection (DI), IOC, Aspect-oriented Programming (AOP), Integration, Security, Boot, Struts and Hibernate.
* Proficiency in working with IDEs like WSAD, Eclipse, NetBeans, and Maven.
* Experience in installing, deploying, and testing with multiple Application Servers like WebSphere, WebLogic, JBoss Application Server, and Tomcat web container.
* Experience deploying and managing applications on OpenShift platform.
* Experienced in using Apache Kafka, Active MQ, and JMS as messaging tools and worked on different IDEs like Eclipse and IntelliJ.
* Extensive experience using Spring framework and ORM mapping tools like Hibernate, which implements Java Persistence API (JPA).
* Worked on JDBC for mapping the Java objects to relational database and SQL queries to retrieve, insert, and update the data from the database.
* Extensive experience in Oracle and SQL databases and automated testing frameworks like Selenium.
* Have hands-on experience working with source control tools such as SVN, Clear Case, and GIT.
* Proficiency in working with IDE's like WSAD, Eclipse, NetBeans, Maven.
* Sound knowledge in working with browsers compatibility issues with browsers like IE, Firefox, Safari, Opera, Chrome.
* Deployed and managed applications on OpenShift platform for efficient scaling and management.
* Experienced in working with the Microsoft family of operating systems (WIN10, WIN8, WIN7), UNIX and LINUX.
* Experience in UML Modeling diagrams developing such as Use Case diagrams, Class diagrams and Sequence diagrams.
* Proficient in reengineering the process and improving it to make the business effective and efficient.
* Have very strong inter-personal skills and the ability to work independently and with the group, can learn quickly and easily adaptable to the working environment.
* Good exposure in interacting with clients and solving application environment issues and can communicate effectively with people at different levels including stakeholders, internal teams, and the senior management.

**TECHNICAL SKILLS**

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| Languages  | Java,C, C++,J2EE, PL/SQL, Core Java, Java 1.7&1.8, Java Enterprise Edition |
| Web Technologies | Servlets, JSP, Session Beans, JavaScript, jQuery, AJAX, Angular JS, TypeScript JSON, ReactJS, HTML, XML, Bootstrap, CSS, SCHEMA, XML |
| Frameworks | Struts, Spring, Spring Boot, Hibernate, JSF |
| Web Services | SOAP, REST, WSDL, JAX-RS, JAXB, JAX-WS |
| Databases  | MongoDB, Oracle, SQL Server, PL/SQL, DB2 and MySQL |
| Version controls | GIT, SVN  |
| Tools/Software (IDEs) | Eclipse, My Eclipse, Net Beans, SQL, Clear case, JUnit, Maven, Jenkins |
| Application/Web Server | Apache Tomcat, JBoss, WebSphere and WebLogic |
| Testing Technologies/Tools | Selenium, Junit, Log4j, TestNG |
| Operating Systems | UNIX, Linux, Windows |
| Methodologies | Agile Methodology, Scrum, Waterfall model |
| AWS Cloud Technologies | EC2, IAM, Cloud Watch, Cloud Front, Cloud Formation, S3, Virtual Private Clouds, Elastic Load Balancers, Relational Database Services, Lambda, Dynamo DB |

**PROFESSIONAL WORK EXPERIENCE**

**Client: Bank of America, San Jose CA May 2024 – Till date**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Responsible for Development, design and testing of Web applications by gathering the requirements from the business, followed Agile Scrum Methodology for software development process.
* The User Interface is developed using JavaScript, React framework, HTML 5, CSS3, and Bootstrap.
* Used Microservice architecture with Spring boot to develop REST-based Web Services with minimal configuration.
* Implemented Angular 17 Services for connectivity between web applications and back-end APIs using Typescript.
* Created S3 Buckets for EC2 instances to store all the content including HTML pages, images, CSS files, and script files.
* Worked on the development of responsive internal applications to capture the metrics of users and agents using React JS.
* Deployed Spring Boot-based microservices on Docker, as OpenShift utilizes Docker containers.
* Experience configuring monitoring and logging solutions for Java applications running on OpenShift.
* Implemented Client-Side routing using the Route module in React.
* Designed and executed quality Test Plans and Test Cases to verify the Reliability, Accuracy, and Compatibility of applications.
* Involved in development of User Interface (UI) using HTML5, CSS3, Angular 14, jQuery, JavaScript, Ajax, Spring MVC and JSTL and Agile development methodology.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 14/17.
* Scala-based microservices may be automatically tested and deployed, and their smooth integration with current Java CI/CD pipelines is ensured.
* Implemented a distributed messaging queue to integrate with MongoDB using Kafka and Zookeeper.
* Written the Test cases and Test plan/strategy based on business view and functional view and setting up the automation environment with selenium WebDriver and finding the various critical points in the application testing. Expertise with Cassandra data modeling.
* Used the functional programming features of Scala to produce clear, succinct, and manageable code.
* Developed Single Page application using Angular 17 and TypeScript. Implemented reusable components using Angular 17 content projection, which are used in multiple internal projects.
* Performed testing and validation of GraphQL APIs using tools like Postman and Apollo Client, ensuring accurate data retrieval and consistent application behavior.
* Responsible for review of testing artifacts to enhance the quality and deliver better products to clients.
* Exploited the advanced Java 8 features such as Filters, Enhanced concurrency methods, Lambda Expressions Streams, Date-Time API, etc.
* Developed and optimized data models in Cassandra, leveraging partition keys and clustering columns for efficient data retrieval and query performance.
* knowledge of importing data from many relational databases into Cassandra tables using Sqoop.
* Extensively used various modules in Spring like Spring Boot, AOP, Dependency Injection, Spring IOC, Bean Wiring, Spring Inheritance, Auto wiring, and Spring JDBC templates.
* Used Hibernate, Object/Relational mapping (ORM) solution, the technique of mapping data representation from
* Used Page Object Model, and Page Factory for better script maintenance and reusability and for no duplication.
* Written and executed several stored procedures, triggers, packages, views, and functions using the SQL Developer tool.
* Used Postman to test the API workflow on the JSON files.
* Used Jenkins to build and deploy the application and GitHub for code repository and version control.
* A web application for connecting care providers and members. This project includes a server application with data-fetching requirements. We have exposed the services as Rest Web Services. We developed a backend system using NodeJS.
* A user provision script developed using Nodejs which includes fetching files from the SFTP server and creating users in Idap and database using rest API calls.
* Used Node.JS to structure JavaScript code to build Restful web services.
* Implemented generating the verification hash code using a crypto package on Node. JS.
* Used date format and moment packages in Node.JS to save the timestamp in the database converting it into GMT. Involved in
* Used Nodejs to structure JavaScript code to build endpoints.
* Used MAVEN for project management and build automation. Used Subversion as a version control for implementing the application.
* Developed, debugged, integrated, and deployed applications using Eclipse (IDE) and used GIT as a Version Control.
* Followed Quality Assurance standards set by the client and Software Configuration Management process using JIRA, Bit bucket, and Jenkins.
* Creates and maintains appropriate documentation identifying what enhancements and requirements/Specifications have been made and or requested.
* Actively involved in code reviews and bug fixing, worked on existing Oracle stored procedures to retrieve or validate the data for the proper validations.

**Environment:** Core Java, Angular 14/17, JSP, Servlets, Struts, Spring Boot, Spring MVC, JUnit, JPA, JAXB, Spring, Rest APIs, Micro Services, Hibernate, Node.JS,, Oracle, SQL, STS, Junit, Agile, git, bitbucket, Jira, Confluence.

**Client: Baptist Health, Tampa FL July 2023 – Apr 2024**

**Role: Sr.Java developer/Software Engineer**

**Responsibilities:**

* Worked on Java 8 features date and time API, streams, lambda expressions, functional interfaces, etc.
* Participated in Agile methodology and involved in Design, development, Implementation, and testing of the enterprise applications.
* Developed Single page applications using Angular 8/9, Typescript, HTML 5, CSS3 and Bootstrap4.
* Created Typescript reusable components and services to consume Rest APIs using component-based architecture provided by Angular 8/9.
* Analyzing the business functionality of the existing application and restructuring that to a new technology for enriching the user experience apart from providing enhanced functionalities.
* Developed Rich UI applications using JavaScript, HTML, XML Bootstrap, CSS, TypeScript, and Angular.
* Built the reusable service components using Angular services with Object Oriented JavaScript, jQuery, HTML, and CSS3 based on the visual designs.
* Developed User Interface using the HTML5, CSS3, JavaScript, Bootstrap and ReactJS.
* Used JIRA to keep track of bugs to reduce downtime, and increase productivity, and Communication.
* Implemented RESTFUL web services using Spring boot and consumed using Spring REST services. Published Rest services for performing CRUD operations from the database.
* Implemented UI framework and designed using ReactJS. Used flux with redux hooks.
* Experience in integrating Micro Services Architecture with Spring Boot and Docker containers.
* Built CI/CD pipelines using Docker, Kubernetes, and custom scripts – helping teams deploy many times in a day.
* Experience in building, testing, and deploying applications by adopting the Devops tools like GIT, Jenkins, Docker, and Kubernetes.
* GraphQL endpoints were secured by implementing authentication and permission layers, which ensured data integrity and user access control in Java applications.
* Application development on a cloud platform (AWS).
* Responsible for troubleshooting the logs in the AWS cloud Watch in S3 buckets, Route 53.
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test, and Deploy.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Worked in cross-functional teams to improve the overall functionality of web applications by integrating Node.js modules into a Java/Spring Boot framework.
* Hands on experience with Apache Spark using Scala.
* Good Experience in Docker & Kubernetes setup, configuration, and Architecture.
* Developed Microservices using Spring boot, Docker, and Rest API for backend systems that serve to communicate to generate correspondences for customer components running on AWS EKS Kubernetes Cluster.
* Written Terraform scripts to automate AWS services which include ELB, CloudFront distribution, RDS, EC2, database security groups, Route 53, VPC. Subnets, Security Groups, and S3 Bucket and converted existing AWS infrastructure to AWS Lambda deployed via Terraform and AWS CloudFormation.
* championed cloud provisioning tools such as Terraform and CloudFormation.
* Used Terraform for infrastructure to spin up EC2, EMR, and Lambda as per requirement and enable.
* Used Docker to improve our (CD) Continuous Delivery framework to streamline releases.
* Configure Log 4j in spring boot to send errors and logs to Kafka topic to be able to view in Kibana Dashboard.
* Involved in developing Spring MVC, ORM, and Hibernate applications, and created microservices using Spring Boot.
* Extensively used ReactJS components, Forms, keys, and Routers for developing Single page applications.
* Familiarity with using Java APIs to import data to the Cassandra cluster from a variety of sources.
* Worked on writing SQL queries for basic operations on databases to perform database testing and check API integration and third-party application calls and compatibility also load and performance check through post man.
* Using Apache Cassandra, distributed, highly available NoSQL databases were designed and managed to handle massive data processing and storing.
* Cassandra clusters were configured for horizontal scaling and fault tolerance using automatic failover and data replication.
* Used Spring framework for Dependency Injection, AOP, and Transaction management.
* Extensively used Core Java collections, Generics, Exception handling, and Design patterns for functionality, also worked on Java 1.8 functional programming concepts, and lambda expressions.
* Took part in setting up the routing configuration using Angular UI router for various views and sub-views.
* Developed hibernate inheritance mapping using a single table approach and configured multi-level caching in Hibernate.
* Improved server performance by designing efficient, non-blocking Node.js code, lowering latency and increasing throughput.
* Used Scala and Java to work together in cross-functional teams, contributing to full-stack development and code reviews in a multilingual setting.
* Developed scripts for build, deployment, maintenance, and related tasks using Jenkins, and Maven.
* Worked in different IDEs like Eclipse, Spring Tool Suite, and IntelliJ and worked on various applications and web servers like IBM WebSphere.
* Wrote Junit test cases to perform unit and integration testing of application programs.
* Assist in Testing by creating a Test plan and Test cases and POC at different stages of the project.
* Closely worked with the QA team on Regression testing, UAT testing smoke testing, etc.
* Responsible for maintaining the code quality, coding, and implementation standards by code reviews.
* Used Log4j extensively for logging errors and Eclipse as the primary IDE.
* Used Apache Kafka as a messaging layer for the custom framework.
* Implemented a distributed messaging queue to integrate with MongoDB using Kafka and Zookeeper
* Involved in setting up AWS services with EC2 instances, S3 bucket, IAM, and RDS took part in deploying applications in AWS.
* Scala and Apache Spark data processing pipelines were implemented, greatly cutting processing times and improving big data operations.
* Writing and retrieving files to and from AWS S3bucket for UI to render data faster which involves complex and time-consuming server-side logic.
* Experience with Continuous Integration Tools Bamboo, and good working knowledge of source repository management tools like GIT, and Bitbucket.

**Environment:** Agile, Java 8, JDK, J2EE, XML, Spring, Git, Hibernate 4.2, XML, JavaScript, jQuery XHTML, Docker, Design Patterns, JUnit, Spring boot, Oracle SQL, REST, Web Services, Eclipse, Postman, Web Sphere, Jenkins, JIRA.

**Client: IBM, India Feb 2019 to Dec 2022**

**Role: Java developer**

**Responsibilities:**

* Participated in Agile methodology and involved in Design, development, Implementation, and testing of the enterprise applications.
* Designed and developed dynamic web pages using HTML5, Angular JS, Bootstrap, and CSS.
* Created Custom AngularJS directives and developed data-driven UI using AngularJS and Breeze data models.
* Worked extensively with Angular JS to create single-page applications. Worked on Angular JS routes, components, custom directives, services, and form validations.
* Developed an AngularJS workflow manager leveraging Angular-UI's state router for flexible configuration and management of multi-step user input flows.
* Implemented account creation module as a Single Page Application using AngularJS along with HTML5 validation.
* Designed and developed the application using the framework Angular 8 with HTML5, CSS4, SASS, and Typescript.
* Worked on Functional interfaces and Lambda expressions to incorporate them in the Streams API of Java 8 to perform filtering and grouping of the collections.
* Developed backend services, data access objects, and data repositories using Spring and Spring JPA.
* Developed REST service layer using Spring MVC and Spring Boot.
* Developed logging aspect for logging statements across the spring service and data access layer using Spring AOP.
* Used Apache Kafka as a messaging layer for the custom framework.
* Expertise in some of the best modern front-end frameworks such as ReactJS, Angular, Bootstrap, Typescript, HTML5, CSS3, jQuery, JavaScript, and Node JS.
* Developed Web API using Node JS and hosted on multiple load-balanced API instances. Implemented application testability, diagnostics, and fixing bugs with the help of REDUX (Reducers) architecture.
* Create Single Page Applications (SPA) that load a single HTML page using React.js, and Node JS.
* Developed interactive web application using Node.js, a pure JavaScript application framework.
* Implemented a distributed messaging queue to integrate with MongoDB using Kafka and Zookeeper
* Configure Log 4j in spring boot to send errors and logs to Kafka topic to be able to view in Kibana Dashboard.
* Involved in the preparation of use cases, sequence diagrams, class diagrams, activity diagrams, etc. using Rational Rose. Involved in developing reusable core libraries using core Java classes and Interfaces.
* Wrote complex SQL queries and programmed stored procedures, packages, and triggers using MySQL.
* Worked extensively on developing controllers, Interfaces, and implementation classes using Spring MVC framework & used a Microservice architecture with Spring Boot-based service through REST.
* Used Postman to test RESTful web services.
* Migrating existing applications into REST-based Microservices to provide all the CRUD capabilities using Spring Boot.
* Integrated GraphQL with existing REST APIs, allowing for gradual migration and interoperability in legacy Java systems.
* To support dynamic data-driven applications, we integrated Node.js services with relational and NoSQL databases such as MongoDB and MySQL.
* Used Scala's compatibility with Java to migrate legacy Java codebases, ensuring a seamless transfer and backward compatibility.
* Configure REST controllers, view resolver components and implement transaction management using Spring declarative transaction management with Spring AOP concepts.
* Worked on Mongo DB concepts such as locking, transactions, indexes, sharing, replication, and schema design.
* Implementation of the Business logic layer for MongoDB Services and Wrote services to store and retrieve user data from the MongoDB for the application.
* Wrote build & deployment scripts using Maven on the UNIX environment and integrated using Jenkins.
* Integrated Jenkins with version controller (GIT) and scheduled builds to run automatically during a build release by invoking predefined maven commands.
* Developed test cases for various scenarios based on requirements, designs, and specifications.
* Conducted Functional testing and regression Testing using Selenium with Data driven framework and Keyword-driven framework.
* Handled Selenium Synchronization problems using Explicit & Implicit waits during regression testing.
* Shared Daily Status Reports with all the team members, Team Leads, and Managers.

**Environment:** J2EE, JDK, HTML 5, CSS 3, Ajax, jQuery, Express JS, JavaScript, Angular JS, Node.js, Bootstrap, Spring, Hibernate, PL/SQL, AWS, Web Services (SOAP), RESTful, Multithreading, Apache, Maven, MySQL, JMS.

**Client:** **Qualcomm, India Sep 2014 – Jan 2019**

**Role: Jr.Java developer/Software developer**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, Development, and Testing of the application using AGILE methodology.
* Developed application using Spring MVC, JSP, JSTL, and AJAX on the presentation layer, the business layer is built using Spring and the persistent layer uses Hibernate.
* Implemented the Graphic User Interface GUI by coding in HTML5, CSS3, Bootstrap, JavaScript, J Query, and J Query UI.
* Used JDBC connectivity for querying, inserting, updating, and deleting data from the Oracle database, and was involved in translating functional requirements into technical requirements.
* Used Spring MVC Model View Controller to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Integrate the dynamic pages with Angular JS and J Query to make the page dynamic.
* Designed and developed various stored procedures, functions, and triggers in PL/SQL to implement complex business rules.
* Used Apache Kafka as a messaging layer for the custom framework.
* Implemented a distributed messaging queue to integrate with MongoDB using Kafka and Zookeeper
* Wrote SQL queries to retrieve the information from the databases to check whether the data had been updated.
* Experience in writing complex XPATH using following and preceding and using functions like contains and not contains.
* Exposed RESTful web services using JAX-RS. Implemented Angular promises to handle asynchronous communication with our Restful API for various requirements.
* Developed code for handling bean references in spring framework using Dependency Injection (DI), and Inversion of Control (IOC) using annotations.
* Worked with different spring modules - Spring MVC, Spring Integration, Spring JPA, Spring Core, Spring Batch and Spring AOP.
* Data Access layer (DAO) development using Hibernate to communicate with Oracle.
* Worked with Eclipse as the IDE to develop, test and deploy the application and used Ant for building and deploying the war file into application server.
* Created test cases using JUNIT and used Selenium to create automated test cases.
* Running Selenium automation scripts and updating the scripts according to enhanced requirements using Selenium web driver and Python.
* Configured and created applications log files using Log4J. Actively involved in code reviews and bug fixing.
* Configured and set up J Boss Server for deployment and used JIRA for tracking bugs and JENKINS for continuous integration.

**Environment**: Java, Spring, JSP, JDBC, AJAX, Bootstrap, JavaScript, Spring MVC, Web Services, PL/SQL, HTML, CSS, JavaScript, AngularJS, JSON, jQuery, Eclipse, Oracle, Log4j, EJB, JBoss, MySQL, DB2, Apache Tomcat, Junit.