**Sr Java Full Stack Developer**

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**Nithya Caruppiah**

**Professional Summary:**

* 10+ years of extensive experience in the Software development on Core Java, J2EE, JSP, Spring framework, Servlets, SQL, JavaScript, AngularJS, XML, HTML 5, CSS bootstrap, and JDBC.
* Software development experience including requirement gathering, analysis, design, integration, implementation, development, and deployment using Python / Data warehouse Technologies, ETL technologies, Big Data and Analytics.
* Ability to design, develop, deploy and support solutions using SDLC methodology that leverage the Client and good understanding of various SEP phases in Software Development life cycle (SDLC).
* Experience in version control tools like Serena dimensions, Maestro job scheduler, Filezila, Putty, Jenkins and GitHub.
* Involved in creating ETL pipelines, deploying them in production using Informatica components.
* Knowledge in building highly scalable Big Data solutions using Hadoop and multiple distributions i.e., Hortonworks and NoSQL platforms (MongoDB).
* Has extensive experience in optimizing telephony – Dialer, ACD & IVR – systems, processes and staff using high-tech methodologies.
* Strong development experience in J2EE technologies including Servlets, JSP, JDBC, JMS, XML, and Struts, XSL, XSLT, JUnit, Log4J, JavaScript, SQL, PL/SQL, HTML.
* Expertise in Core Java concepts such as Generics, Multi-Threading, Collections, Exception Handling, Garbage Collection, and File Input/Output.
* Have experience on Spark Core, Spark Streaming, Spark Milb, Hive-HQL, Spark Sql, Kafka SQL, Kafka connectors for analysing streaming data. Experience developing Pig Latin and HiveQL scripts for Data Analysis and ETL purposes.
* Experience in developing and consuming Web Services using WSDL, SOAP, HTTP, and UDDI.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Proficient experience of using the databases such as MySQL, DB2, Oracle 11g PL/SQL.
* Experience in Applications using AJAX, Object Oriented (OO) JavaScript, JSON, JSONP, and XML.
* Excellent skills in building Single Page Application (SPA) using JavaScript frameworks like Angular JS, Node JS.
* Hands on experience in Front-End technologies like Angular JS 1.4.7, Bootstrap 3.1, HTML5, JavaScript, CSS3, jQuery, Google Web Toolkit (GWT), Tag Libraries, Custom Tags, Ajax and Node JS and ExtJS
* Experience in CSS pixel-level layout, Consistency with browsers, Version and Platform Independence.
* Hands-on Experience in JSP, Frameworks like Struts on the Java platform.
* Experience with employment of Apache Kafka and Zookeeper apart from JMS as messaging service.
* Proficiency with the application servers like Web Sphere, Web Logic, JBOSS and Tomcat.
* Experience in working with Amazon Web Services (AWS) like EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS identity and access management, Dynamo DB, AWS Cloud watch, Amazon EBS and Amazon Cloud front.
* Proficient in developing microservices using REST.
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Experience in Integration of Amazon Web Services AWS with other applications infrastructure.
* Extensive experience in deploying, managing and developing MongoDB clusters.
* Extensive experience working with RDBMS -PL/SQL programming on Oracle, MySQL and SQL Server, writing Stored Procedures and SQL Queries.
* Knowledge on web debugging tools (Firebug debugging tool) and used integration Testing frameworks and libraries like Jasmine and Karma for Angular JS and Node.js.
* Experience in front end builds up and deployment tools like Grunt, Gulp, SOAP UI, and Bower.
* Experience in migration of Angular JS 1.x to Angular 5/6/7/8/9/10/11/12.
* Implemented Angular 5/6/7/8 advanced features like routing, directives, services and components.
* Hands on experience on Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for microservices.
* Good experience on working with Amazon Web Services like EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Strong hands-on development experience in JEE, REST, Spring, Hibernate, SQL, JSON, XML, JUnit, OpenAPI, Log4J, JavaScript.
* Good experience on working with Amazon Web Services like EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Expertise in developing highly interactive rich Web UI using HTML5, JavaScript, JQuery, Ajax, AngularJS, JSF 2.0, Rich faces 3.0 and Wicket.
* Oversee and develop Notifications Service Micro service to use across the enterprise.
* Utilize camel to integrate Micro services with other Micro services and RabbitMQ messaging exchanges
* Proficient in developing SOAP and RESTful Web Services.

**Technical Skills:**

* **Java Technologies:** Core Java, JDBC, HTML, JSP, JavaScript, Servlets, Tomcat
* **Languages:** C#, Java, SQL, Shell, Python
* **Web Technologies:** JSP, Servlet, JAX-WS, AXIS, REST (JAX-RS), JIRA SOA, SOAP, JMS, Bootstrap, EJB, Angular-JS, RMI, IBM MQ Series
* **Databases:** MS SQL Server 2012/2008/2005, Oracle, MS Access, PL/SQL, MySQL
* **IDE's:** Eclipse, IntelliJ, Sublime, RAD, WSAD
* **Web/App Servers:** Web Sphere Application Server, Web Logic, JBoss, Apache Tomcat
* **Frameworks:** Struts, Node-JS, Spring, JSF, Hibernate, Apache Camel
* **Operating System:** Mac, Windows, Linux and UNIX
* **Version Control Tools:** CVS, SVN, Git, ClearCase
* **Tools/Utilities:** Log4j, Ant, JUnit, Calibre, Maven, Gradle 2.1, Jenkins, SOAPUI
* **Methodologies:** Agile (Scrum, TDD), Waterfall
* **Integration:** Apache Camel, JBoss Fuse 6.2, Active MQ, Apache ATOM, WESB
* **AWS:** EC2, Auto scaling, Docker, IAM, VPC, SNS, Lambda, AWS SDK'S, Elastic cache, Ops Works, Security Groups, DNS, Route53, Cloud Formation, RDS, Dynamo DB, Storage Gateway, API Gateway, Cloud Watch
* **Other Tools:** SQL Developer, pgAdmin, MySQL Workbench, JIRA, VersionOne, SVN, ClearCase, GitHub, Maven, ANT, SOAPUI, POSTMan, Putty, WinSCP, STS, MS-Office, MS-Visio, SonarCube

**Professional Experience:**

**Bizrate Insights, Los Angeles, CA Jun 2022 - Present**

**Senior Java Full Stack Developer**

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Designed and developed Microservices using REST framework and Spring Boot and used Bootstrap along with AngularJS in creating the Application.
* Used NodeJS for doing non-blocking design operation for server-side code and Angular.js framework in developing various UI components.
* Developed the responsive UI web pages using XHTML, HTML5, CSS3, Angular JS 2, JavaScript, node JS and has worked with Angular JS filters in expressions and directives to filter data in the UI.
* Designed and coded application components in an Agile environment utilizing a Test-Driven Development (TDD) approach.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and Redux library.
* Using IVR conducted complete analysis of system and business requirements Used React-Router to turn application into Single Page Application
* Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used Spring framework including Spring core/IoC, Spring Web, Spring Security and implement the authentication, authorization, and access-control features by using Spring Security.
* Used Spring Inversion of Control (IoC) for injecting the beans and reduced the coupling between the classes and implemented the Model View Controller using Spring MVC.
* Implemented the application using Spring Boot Framework and handled the security using Spring Security.
* Developed Hibernate with Spring Integration as the data abstraction to interact with the database of MongoDB.
* Integration of Amazon Web Services (AWS) with other applications infrastructure.
* Developed single page applications, components using Angular JS directives, controllers, view and routing, service modules.
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOA.
* Provide expert technical leadership to customers and partners regarding all aspects of Pivotal Cloud Foundry (PCF).
* Created single page web application by creating templates with HTML5, CSS3, Bootstrap, ES6 and responsive components by using event binding and routing services for great user experience with Angular 12.
* Created Reusable Angular 12 components using Typescript and services are obtained using Dependency Injection to consume REST API's.
* Events, Nested Components, selectors, and DOM Manipulations are used for obtaining dynamic content of Angular 6 application.
* Worked on Angular 2/5/7/9/11 forms and controls in order to validate Input Data.
* Worked on several modules provided by Angular 12 framework like Router Module, Http Module, Forms Module and Browser Module.
* Build microservices for the delivery of software products across the enterprise
* Deployed EARs, WARs and configured application specific JVM settings, Web container parameters using the Admin Console and WebSphere admin scripts.
* Used NPM to download dependencies for JavaScript that manage front-end components.
* Introduced and implemented Webpack infrastructure to modernize JavaScript practices by extending ES6 through Babel loaders.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Accomplished Workload Management by creating Clusters.
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Involved in designing, developing and testing the web application by using the HTML5, CSS3,
* Project migration into cloud environment using AWS, Docker container.
* Application and developed cross browser and multi browser compatible web pages using HTML5, CSS3 and Bootstrap.
* Implemented code according to create AngularJS Controller, which isolate scopes perform operations.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 2.

**Environment**: Java 11, Springboot, Spring, SpringCloud, Hibernate, Microservices, RESTful, WebFlux, SOAP, Oracle, Kafka, Splunk, Docker, Angular, HTML CSS3, Bootstrap, Angular 12, AWS, AJAX, SOA, TDD, Web Services, SQL Server, Microservices, XML, Ext JS, NodeJS, AngularJS, Angular2.0, Angular4 Typescript jQuery, JavaScript, IBMRAD 9.1, WebSphere 8.5, Agile Methodology, Design Patterns, PCF, Clear Case, Apache Maven, Apache Cassandra, MongoDB, JUnit, Html, Unit, XSLT, HTML/DHTML, JENKINS, Spark, Kafka.

**PwC, Dallas TX July 2020 - May 2022**

**Java Fullstack Developer**

**Responsibilities:**

* Worked on developing new module GPCR for the Connexon application.
* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Designed and developed API’s using REST framework and Spring Boot and used Bootstrap along with React JS in creating the Application.
* Developed the responsive UI web pages using XHTML, HTML5, CSS3, Angular JS 2, JavaScript, React JS and has worked with Angular JS filters in expressions and directives to filter data in the UI.
* Working on AWS Lambda for event driven work flow, Working on Databases, Creating and Hosting micro services on EC2 Instances, and automating things using JSON Scripts, Creating End-Points for the services, integrating through API's, involved in creation of APIs and API Gateways for by establishing Secure connection between the end-points.
* Extensively used MVC, Factory, Delegate and Singleton design patterns.
* Implement different microservices such as Bot, User, Device etc. using Java, REST, Kafka, Springboot, Spring JPA, AWS S3, RDS, Lambda, ElastiCache, API Gateway.
* Created a JIRA workflow and apply the condition, validators and post-function in the transition to represent the business requirement process. Atlassian Systems Administration and Configuration handling JIRA, Confluence, JIRA Agile.
* Supporting complex Atlassian environments and have experience with integrating Atlassian tools with other internal& external systems. Provided ongoing support and configuration for JIRA projects, workflows, screens, fields, permissions, and other administrative tasks.
* Import excels data provided by users into SharePoint by using Import Spreadsheet template.
* Developed web UI screens using Spring MVC, AngularJS, HTML, CSS, JavaScript, and CSS.
* Strong Core Java background with experience in Collections, Multi-Threading, Java 8, Interfaces, RMI, Serialization, Synchronization, Exception Handling, Java Swing, OOPs techniques, Logging and Performance Tuning.
* Used Spring framework including Spring core/IoC, Spring Web, Spring Security and implement the authentication, authorization, and access-control features by using Spring Security.
* Used Spring Inversion of Control (IoC) for injecting the beans and reduced the coupling between the classes and implemented the Model View Controller using Spring MVC.
* Implemented the application using Spring Boot Framework and handled the security using Spring Security.
* Worked with Angular 2/5/7/9/11 using Angular CLI and generated various components, routes, services, pipes and structured the application code using Component based architecture.
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOA.
* Created AWS Launch configurations based on customized AMI and use this launch configuration to configure auto scaling groups and Implemented AWS solutions using EC2, S3, RDS, DynamoDB, Route53, EBS, Elastic Load Balancer, Auto scaling groups.
* Application and developed cross browser and multi browser compatible web pages using HTML5, CSS3 and Bootstrap.
* Experience working with IVER which is developed in VXML which will run on VXML platform.

**Environment:** J2EE, Java 1.8, Java8, Spring framework, Spring MVC, Hibernate, JSP, AWS, AJAX, SOA, TDD, Web Services, SQL Server, Microservices, XML, Ext JS, NodeJS, AngularJS, Angular 2/5/7/9/11, Angular4 Typescript, jQuery, JavaScript, IBM RAD 9.1, WebSphere 8.5, Agile Methodology, Design Patterns, PCF, Clear Case, Apache Maven, Apache Cassandra, MongoDB, JUnit, Html, Unit, XSLT, HTML/DHTML, JENKINS, Spark, Kafka, VXML, IVR

**MasterCard, Saint Louis, MO Jan 2018 - Jun 2020**

**Java Full stack Developer**

**Responsibilities:**

* Involved in Requirements gathering, Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM) in a test-driven development (TDD) approach.
* Developed and designed the web interface using HTML5, CSS3, JavaScript, JQuery, Angular 2 and Bootstrap.
* Experience on DevOps essential tools like Kubernetes, GIT, Jenkins, Ant, Maven and deployed/managed applications to OpenShift and managed cloud services in Azure, AWS and OpenShift.
* Extensive experience in data ingestion technologies like Kafka, flume and Sqoop.
* Developed a HTTPS server and implemented features to serve different file types (TLS)
* Extensively involved in coding with Core Java concepts like Collections, Exception Handling, Multithreading, Java I/O, and Generics to implement some business logic.
* Used Core, Context, and Security, Bean modules of Spring Framework.
* Implemented MVC, Singleton, Factory, DAO, Value Object, session, Facade, Data Access Object, Business Object paradigm.
* Implement different microservices such as User, Device, Vehicle etc. using Java, REST, Kafka, Springboot, Spring JPA and AWS services.
* Developed multiple enterprise applications using Spring Boot, Hibernate framework, Spring IOC, Spring MVC, Spring JDBC, Spring Annotations, Spring AOP, Spring Integration, frameworks, RESTful webservices.
* Worked on Java 8 Lambda expressions and Pipelines, Streams.
* Handling orchestration service and rule engine which is implemented in NodeJS.
* Used jQuery framework for creating front end applications and for Client-Side validations.
* Used iBatis for designing, developing and maintain the data layer.
* Created Stored Procedures, SQL Statements and triggers for the effective retrieval and storage of data into database.
* Utilized Swagger framework for design, documentation, testing and deployment of REST APIs in Spring Boot.
* Created Docker images of microservices by installing Docker on Amazon EC2 instance and able run images on Amazon Container.
* Used HTML, JavaScript, CSS and Ajax for front end development i.e., for creating JSP pages.
* Implemented Collections API to manage Java Objects in Business Logic layer
* Used JSP, JavaScript, jQuery for Rich UI layer.
* Used Apache Log4J logging API to log errors and messages.
* Designed and developed user interface using JSP, HTML and JavaScript.
* Validated the fields of user registration screen and login screen by writing JavaScript and JQuery validations.
* Designing and implementing the User Interface using Angular 4.0, HTML, CSS/CSS3, SASS and Bootstrap for responsive design for the exposed enterprise application.
* Implemented Angular observables and listeners (RxJS reactive libraries) to simplify the making asynchronous calls to backend REST API’s.
* Created Dynamic components using Ng Component Outlet and services to consume REST API's using Component-based architecture provided by Angular 4.
* Created Junit test suite to automate the testing of the business logic.
* Used React-Router to turn application into Single Page Application.
* Used AWS to build Java applications that work with Amazon S3, Amazon EC2, and Amazon Simple DB.
* Used ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Building stable React components and stand-alone functions to be added to any future pages.
* Used React-Autocomplete for creating Google map’s location search on the webpage.
* Automate the web application using Selenium-Automation tools.
* JPA and Spring Rest to provide a Restful Interface based on Spring Boot application

**Environment:** Java 8, Spring Boot, Spring, WebFlux, Hibernate, Microservices, Spring framework, XML, HTML, JSP, AngularJS, Hibernate, ANT, JavaScript, VSS, XSLT, CSS, AJAX, JMS, Spring Boot, Hibernate, SOAP, Web Services, AWS, Web Sphere Application Server, Tomcat, Oracle DB, MQ Series, JUnit, UNIX.

**BJC HealthCare, Saint Louis, MO Feb 2015 - Dec 2017**

**Java/J2EE Developer**

**Responsibilities:**

* Responsible for analysis, design, development and integration of UI components with backend using J2EE technologies such as Servlets, Java Beans and JSP.
* Using Technologies like SOAP, WSDL and UDDI based Web Services.
* Developed Hibernate 3.0 in Data Access Layer to access and update information in the database.
* Designed the workflow, system architecture, drawing sequence diagrams, activity diagrams, class diagrams, HTML pages, database schema and tables.
* Writing JSP's for user interfaces, JSP's uses Java Beans objects to produce responses.
* Involved in Tomcat server configuration for deployment.
* Implement different microservices such as User, Device, Vehicle etc. using Java, REST, Kafka, Springboot, Spring JPA and AWS services.
* Worked one-on-one with client to develop layout, colour scheme and layout and implemented it into a final interface design with the HTML/CSS-MCL, Bootstrap and JavaScript.
* Developed single page applications using Angular 2, Typescript, HTML5, CSS3, and Bootstrap.
* Used JUnit framework for Unit testing of application.
* Used log4j 1.2 to log different types of messages to write on to the proprietary log model.
* Worked on building and deploying Java code through Jenkins and worked AWS Cloud management.
* Use Case, Class, Sequence diagrams and also in complete development, testing and maintenance process of the application.
* Used the Angular JS tags inside the HTML page to make the page effectively and to have great user interface developed and designed new cross-browser accessible interfaces using JQuery and JavaScript.
* Involved in writing JSPs, JavaScript and Servlets to generate dynamic web pages and web content. Involved in developing applications for workflow using JSP's, spring MVC, Hibernate, AJAX, JavaScript technologies using Apache Tomcat.
* Store persistent JMS messages or temporarily store messages sent using the store-and-forward feature.
* Involved in testing the XML files and checked whether data is parsed and loaded to staging tables.
* Store persistent JMS messages or temporarily store messages sent using the store-and-forward feature.
* Used Hibernate to persist and retrieve data from database.

**Environment:** Java, J2EE, Struts, Spring, Hibernate, JSP, Servlet, XML Schema, SOAP, JavaScript, PL/SQL, DHTML, XHTML, Ant 1.6, Log4j, JUnit, Weblogic10.0, Oracle 11g, IBM Rational rose, Maven, Eclipse, XSD.

**Ice Middleware, UK Jun 2012 - Jul 2014**

**Role: Java Developer**

**Responsibilities:**

* Preparing the documentation for High Level design, Low Level design of the application and Process Flow of control for the entire application.
* Played key role in the design for the implementation of this application.
* Implemented the Consolidated applications front-end pages using JSP, JSTL, and Struts Tag Libraries.
* Used JavaScript for client-side validations. Used JUnit for unit testing of the system and Log4J for logging
* Implemented validation rules using Struts framework.
* Designed the Web application implementing the Struts framework for Model-View -Controller (MVC) pattern to make it extensible and flexible.
* Designed, configured, and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the AWS stack (Including EC2, S3), focusing on high-availability, fault tolerance, and auto-scaling.
* Used Hibernate for Object Relational Mapping.
* Used Hibernate for Database Persistence to perform CRUD operation like insert, update, retrieve.
* Used extensive JavaScript for creating the Global templates that can be used across the JSP Pages.
* Configured Logger and layout using log4j.
* Used Eclipse Integrated Development Environment (IDE) in entire project development.
* Used Ant for building JAR and WAR for the application.

**Environment:** Java1.5, JSP, JDBC, Struts 1.2, Hibernate 3.0, Design Patterns, XML Servlets, JSP, EJB, Struts, Hibernate, JNDI, HTML, CSS, XML, JUnit, DOM, SAX, ANT, Web logic Server, Oracle9i.

**Education:**

* Bachelors in Information Technology and Game Design, University of North Texas, Denton, TX in 2018
* International Higher Diploma (Level 5) Computer Science, ED Hat International (IDM Nation Campus), UK in 2012