**Raja Venkata Chava**

**Java Full Stack Developer**

**No: 609 277 3761 / Email ID:rajavenkatchava@gmail.com**

**PROFESSIONAL SUMMARY:**

* Over 7+ years’ experience in Back-end and Front-end development with an ability to handle any part of the process efficiently. To succeed in an environment of growth and excellence and let me work on the leading areas of technology, a job that gives me opportunities to learn, innovate and enhance my skills and strengths in conjunction with organization goals and objectives.
* Extensive experience in developing web applications using **HTML5, XML, XHTML, DHTML, CSS, CSS3(Sass, Less), Bootstrap, JavaScript, DOM, jQuery, Ajax, JSON,** and **JSP**.
* Experience in **Spring Security** Framework for **User Access Management, JWT** token-based authentication, and involved **OAuth 2.0** configuration for authentication and authorization.
* Experience in implementing and deploying Java EE design patterns such as **Singleton, Abstract Factory, DAO, DTO,** and **Business Delegate** in the Development of Multi-Tier distributed Enterprise Applications.
* Expertise in developing **SOA (Service Oriented Architectures)** and **Microservice architectures** using J2EE web services based on **Restful, SOAP.**
* Unit tested web services using **Junit, Mockito Easy mock, Spring Junit Runner, Spock, Testing**, and achieved Test-Driven Development (TDD) goals.
* (ORM) Frameworks like **Spring JPA** with **Spring Data**, **Hibernate**, **IBatis MyBatis, and Spring JDBC**.
* Experience in **Transaction usage, Servlets, JMS, Java Beans, Web Services, Multithreading Executor Services**.
* Experience working with different SDLC (Software Development Life Cycle) including Requirement gathering, Analysis, Design, Coding, Testing, and Implementation like **AGILE (SCRUM)**, **TDD,** and **Waterfall Models**.
* Good knowledge in building real-time dashboard applications using **Splunk, Elastic Search, and Logstash (ELK)** to profile and monitor the streaming data of the application.
* Extensively used **Spring IOC** to inject objects based on selecting components like setter injection and Interface injection to manage the object references.
* Strong experience with **EJB, Struts, Spring Boot,** Spring framework implementing modules: **Spring MVC, Spring Boot, Spring IOC, Spring IO, Spring AOP, Spring Security,** and **Spring Data**.
* Extensive AWS Experience including AWS Services such as **EC2, VPC (NAT, VPC Peering and VPN), IAM (Identity and Access Management), Elastic Beanstalk, Lambda, S3, CloudFront, Glacier, SQS, SNS, RDS, DynamoDB, Route53, CloudWatch, CloudTrail, CloudFormation, Security Groups, Glue, Drools** etc.
* Good understanding of Server-side JavaScript structures like **NodeJS, Express.JS**.
* Experienced in server-side view rendering Java content structures like **React.JS** and rendering pages on the server-side utilizing **Redux** and **Flux** to accomplish unidirectional plan stream.
* A good amount of hands-on experience developing server-side JavaScript frameworks using **Node JS (Express JS)** to build **event-driven, non-blocking i/o model** web applications.
* Solid experience developing the rendering view **React JS** components, forms, events, routers, and **Redux asynchronous** functions and implemented **React - Flux** pattern for core dependency.
* Extensive experience in implementing store actions, installing **React Router, React-Redux app** to handle **real-time data, API calls from Thunk, Redux in React native**
* Strong experience in building applications using the JavaScript **Mean stack**: MongoDB, Angular JS, Express.js, and Node.js.
* Widely used various open-source MVC architecture like **Struts 2.0**, **Spring** **MVC**, and Object Relational Mapping
* Handled operations and maintenance support for **AWS cloud resources**, including launching, maintaining, and troubleshooting EC2 instances, S3 buckets, Auto Scaling, DynamoDB, AWS IAM, and **Elastic Load Balancers (ELB)** and **Relational Database Services (RDS)**. Also created snapshots for data to store in **AWS S3**.
* Expertise in implementing **Core Java SE 8** concepts like **Streams API, Lambda functions, Functional programming,** and **Generics**.
* Expertise in using **NPM** package and Dependency management.
* Strong experience developing **Dynamic Single Page Application (DSPA)** using MEAN **(Mongo, Express Angular, and Node)** full-stack development tool kit.
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iterative methodology, Pair Programming, Agile Development** & **Testing using Software Development Life Cycle.**
* Experience in integration tools like **Spring Integration, Mule ESB, Apache CXF, and Apache Camel** to integrate the enterprise application technologies with existing JVM environments.
* Experience writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like **Oracle, MS SQL, MySQL, and DB2**.
* Experience designing and developing various **Angular 8.0 Components** (ngModules), **Services**(observable/promises), **Directive,** and **Pipes**.
* Experience in integration testing tools like **Selenium Web Driver, Cucumber (Behaviour Driven Development testing).**
* Experience in Message Queue (MQ) services like **Apache Kafka, Rabbit MQ, Active MQ, and IBM MQ.**
* Hands-on experience with building Java projects using build tools like **ANT,** **Maven, Gradle,** and integrating the project **Bamboo, CD/CI, Jenkins, Aws Code.**
* Experience in testing with **JUnit Framework** using **Mockito** and **EasyMock, Spring Junit Runner, JMeter.** Worked on testing JavaScript structures utilizing **Mocha and Chai, Jasmine, and Karma.**
* Good Knowledge in **Amazon Web Services (Amazon EC2, Amazon S3, Amazon SimpleDB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS, and Amazon CloudFront)**.
* Experienced in utilizing source code variant administration apparatuses like **SVN, Git, Bit Bucket**, and undertaking sprinters like **Babel, Grunt, Gulp,** and **Web pack.**
* Used **Kubernetes Linux container** for deploying and scaling containerized applications.
* Experience in database design and development of **PL/SQL** stored procedures and packages in relational databases like **SQL Server 2005/2008, DB2, MySQL,** and good hands-on experience in implementing, designing, and developing **NoSQL** Databases like **MongoDB.**
* Experience developing applications using MVC and MVVM client-side JavaScript frameworks such as **Angular 8.0, AngularJS** to create dynamic web applications**.**
* Developed various **Typescripts (ES6)** objects, including **Components, ngModules, Providers, Services,** and **classes** using **arrow functions** and **optional types.**
* Designed and developed highly scalable, available, fault-tolerant, highly secured, distributed infrastructure (IAAS) using **2 EC2** instances, **S3**, **EBS**, **API Gateway, Elastic Beanstalk, ECS**. Experience in configuration management tools like **Puppet, Chef, Docker** andused **AWS** **SDK** for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application
* Develop feign client for service to service calls
* Experience in deploying CI/CD using Azure devops on Kubernetes container environment.

**TECHNICAL SKILLS:**

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| **Programming Languages** | C, Java, JavaScript, PHP, PL/SQL, UNIX Shell Script. |
| **Java/J2EE Technologies** | Servlets, Spring, JPA, JDBC, JSP, Applets. |
| **Frameworks** | Struts 2.5, Hibernate 5.x, Spring 5.0, Spring Batch, Spring Security, Spring AOP, Spring Core, Spring IOC, JSF. |
| **Web Technologies** | HTML, HTML5, CSS/CSS3, AJAX, JQuery, Bootstrap, XML, JSON. |
| **Database** | SQL Server, MySQL, Oracle, MongoDB, DB2 |
| **JavaScript Frameworks** | React.js, AngularJS, Angular 8, JQuery, Node.js, Backbone.js |
| **Web Services** | XSD, WSDL, Apache Axis, SOAP, Restful, GraphQL, JAX RS, JAX WS |
| **Messaging** | JMS (Java Message Service), IBM MQ, Apache Active MQ, Apache Kafka. |
| **Web Application Servers** | Oracle WebLogic 10.x/9.x, IBM WebSphere 8.x/6.x, Apache Tomcat 8.0/7.x/6.x. |
| **Methodologies** | Agile, Waterfall, OOAD, SCRUM. |
| **Testing Tools** | JUnit, Mockito, Jasmine, Karma, Mocha, Chai, Selenium. |
| **Version Control** | SVN, CVS, GIT, and Clear Case |
| **Build Tools** | Maven, Gradle, ANT |
| **IDEs** | Eclipse IDE, RAD 6.0/7.0, Intellij IDEA, Spring Tool Suite (STS). |
| **Operating Systems** | Windows, Linux, and UNIX |
| **Software** | Visual Studio and Microsoft Office |

## **PROFESSIONAL EXPERIENCE:**

## **Client: BCBS, Detroit, Michigan Jan 2021 - Till date**

**Full Stack Java Developer**

**Responsibilities:**

* Involved in Software Development Life Cycle for gathering requirements, Analyzing, Designing, Developing, and Testing applications using **Agile** methodology.
* Implemented **Microservices** architecture with **Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to other **Microservices**, making applications into smaller chunks and the **Spring Hystrix Circuit Breaker** for the fail-safe.
* Created dynamic schema design through **NoSQL MongoDB** by writing rich queries and achieved data in a collection to be distributed across multiple systems for **Horizontal Scalability** as data volumes increase through **Sharding**.
* Implemented **Java11** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces,** etc.
* Experience working with (consuming) **REST** or **GraphQL** APIs via client-side JavaScript or server-side via NodeJS.
* Designed layouts on the frontend and developed responsiveness to various smart devices using **HTML5, CSS3, Bootstrap, jQuery, React HOC, Redux & React Promises.**
* Used **React Observables** to create custom components for data manipulations and to display data in company standard format.
* Leveraged **React.JS** resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Used **React JS** to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.
* Developed user interface by using **the ReactJS, Flux, Webpack**, **Grunt** and **Redux** for Single Page Application development.
* Worked with **KAFKA** **Zookeeper** for managing the cluster with **broker/cluster** technology.
* Configured **JBOSS** Application server and used **Oracle** database with **Hibernate ORM framework** and used the functionalities of **Hibernate's** second level **EHCache.**
* **Kubernetes** is configured in the application for automating deployment, scaling, and management of containerized applications.
* Hands-on experience on **Dump Analysis** and thread Dump common problem patterns (Thread race, deadlock, hanging IO calls, garbage collection / OutOfMemoryError problems, infinite looping, etc.).
* Experience in working with **GraphQL** queries and use the Apollo **GraphQL** library.
* Implemented **AWS** solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups, Optimized volumes, and EC2 instances and created monitors, alarms, and notifications for EC2 hosts using **Cloud Watch**.
* Used AWS **Glue** catalog with crawler to get data from S3 and perform SQL operations.
* Created notifications and logs for **Lambda** functions, **Glue** jobs, EC2 hosts using CloudWatch.
* Experience in **Java11** features like **Parallel Streams, Lambdas, functional interfaces, and filters**.
* Used **Cassandra** for storing internal statements and reports and worked extensively in Development which includes updating and retrieving data internally from the back-end **Cassandra**.
* Hands-on experience using **ODM frameworks** to connect asynchronous environments with **Mongoose Connector** and **Cassandra Node Driver**.
* Participated in code review and mentoring sessions and used **GIT** as version control and **GITBash** for **GIT** interactions.
* Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and creating Kafka adaptors for decoupling the application dependency.
* Designed and developed efficient user Interaction screens using **HTML5, CSS3-SASS,** and Twitter **Bootstrap CSS** framework and **media queries** to create responsive web pages.
* Configured and managed various AWS Services, including **EC2, RDS, VPC, S3, Glacier, CloudWatch, CloudFront, Route53, SQS, SNS,** etc.
* Experience in building isomorphic applications using React.js and Redux with **GraphQL** on the server-side.
* Implemented a 'server less' architecture using **API Gateway, Lambda**, and **DynamoDB** and deployed **AWS Lambda** code from **Amazon S3 buckets. Created a Lambda Deployment function** and configured it to receive events from your S3 bucket.
* Used AWS **Drools** to create business and design rules to separate business and application logic and validate business rules.
* Worked with **Jenkins** to configure **Continuous Integration** and **Continuous Deployment** (CI/CD).
* Authenticating Users to provide security to RestFul web services using **OAUTH** **2.0**.
* Developed the single-page application following **Agile Scrum**, participated in daily standups, sprint reviews, Kickoffs, and used **Jira** for project management.
* Developed and maintained continuous integration using tools in Azure devops enabling deployments in azure kubernetes service (AKS)

**Environment:** Java, React.js, J2EE, Git, Spring Boot, Hibernate, Core Java, Rest, Web Services, CSS, WSDL, JIRA, JMS, PostgreSQL, AWS, Spring Cloud, Spring batch, PCF, Apache JMeter, jQuery, JUnit, Docker, Maven, Jenkins.

**Client: Walmart Global Tech, Oct 2018 - Dec 2020**

**Software Engineer -III**

**Software Engineer -II**

**Responsibilities:**

* Extensively worked in writing minimal code in building re-usable forms with their validations using **REACT with Redux** Architecture.
* Optimized cleaning up of session-level **Data Structure's** shared across different open tabs when data is flushed/committed from one of the tabs.
* Experience in **Docker** Engine and **Docker** Machine environment, to deploy the micro services-oriented environments for scalable applications.
* Responsible for the overall layout design and prototype using **React JS** with **Redux** library, **jQuery UI,** and **CSS/Less** and **HTML5**.
* Worked with **Jenkins** Continuous Integration and Continuous Deployment (**CI/CD**).
* Made use of **React JS** to build **Bootstrap** components for responsive UI objects and linked with API data to view and render the **virtual DOM** dynamically.
* Performed Unit testing on **ReactJS** applications using Karma and Jasmine tools and worked with the Gulp tool to build automation.
* DevOps role converting existing AWS infrastructure to Server-less architecture (**AWS Lambda, Kinesis**) deployed via CloudFormation.
* Implemented **Spring Boot** to create a **CRUD** back-end for our **React-frontend** application.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on Service Oriented Architecture **(SOA)**.
* Used different transformers, exception handling, testing & Security of **Mulesoft** **ESB** endpoint through **OAuth**.
* Implemented **Node JS** as a **server-side** **proxy** for an event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Worked with container-based application deployments using **Docker** with **Kubernetes**.
* Experience in integration testing tools like **Selenium Web Driver, Cucumber (Behaviour Driven Development testing).**
* Good knowledge of Lambda expressions, Time APIs, and **Java 8** core features
* **JUnit** is implemented along with **Mokito** to perform unit testing on our **RESTful** web application.
* **Web pack module bundler** and **Babel** JavaScript compiler are used accompanying **React JS**.
* Dockerized Spring Boot application to Pivotal Cloud Foundry **PAAS** (Platform as a service).
* Performed Unit testing on applications using tools **Mocha** to test Reactjs and **Chai** for Node.js.
* Worked with version control, build and release management and deployments to dev, QA and PROD environments using Azure Devops process and toolsets if Visual Studio, Azure Kubernetes Service. Applications insights and log analytics

**Environment:** HTML5, CSS3, Redis, Express JS, jQuery, JavaScript, Node JS, Bootstrap, REST API, Load Balancer, MongoDB, REST administrations, Docker, Mocha, Jasmine, Karma, SSO Authentication, WebPack, Kubernetes, Selenium, Maven and Jenkins. GIT, Jenkins, AWS Services, Elastic Cloud Compute (EC2).

**Client: Visa, Miami, FL Aug 2016 - Sep 2018**

**Full Stack Java Developer**

**Responsibilities:**

* Implemented web interface (UI) for end-users using **AngularJS**, which has migrated from the existing **Backbone JS** application.
* Effectively used **Angular Directives, filters, declarative templates, service providers, and context-aware communication**.
* Used **HTML5, CSS, jQuery, Ajax** and performed client-side validations using JavaScript.
* Wrote **SQL** Queries, **PL/SQL** stored procedures, triggers, packages on **Oracle database.**
* Developed a set of application functionality using **CRUD** (Create, read, update, delete) features of **Backbone.js.**
* Developed an automated application using **JMS** for messaging and **JNDI** to interact with the server.
* Worked on **Spring Framework** handling major concepts like **Dependency Injections, Spring IoC Containers, Transaction Management Declaratives** (annotations based).
* Developed application on Spring framework by utilizing its features lik**e Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC.**
* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events **triggered** by clients and send requests to the server.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on **Service Oriented Architecture (SOA)**.
* Integration testing methods and **Behavioral driven testing** in the application are implemented using **Selenium and Cucumber,** respectively.
* **Configured** and **managed** public/private cloud infrastructure utilizing **Amazon Web Services like Amazon Ec2, Amazon S3**.
* Implemented security functionality for various projects using **SSO.**
* **HibernateORM** framework is used to interact with databases through **Hibernate query language** (HQL). And worked with the **Hibernate EH Cache technique** for the critical objects in the application.
* Configured **Jenkins** to handle application deployment and integrate with **GitHub** version control.
* **Unit, functional, end-to-end testing** is achieved using the TestNg framework.

**Environment:** Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, JMS, Hibernate, DB2, Restful services, Eclipse Java EE IDE, Jenkins, Git, Log4j, DB2, Jasmine, Jenkins, Maven, TestNg, Selenium, Cucumber, WADL.

**Client: DBS Bank, HYD, India Aug 2014 – Dec 2015**

**Java/J2EE Developer**

**Responsibilities**

* Designing new components to fit in the already existing architecture using core **java**, **multithreading**, design patterns like the **factory method, abstract factory pattern, singleton**, while developing web-based applications using **rest web services**.
* Effectively worked on **Angular** to use the enhanced features of **typescript, Angular Routers,** and **Angular Components**.
* Worked on **Agile** methodology, including team-based design and code reviews.
* Implemented **Spring Batch** to run daily and monthly batches.
* Involved in multi-tiered J2EE design utilizing **Spring Inversion of Control (IOC)** architecture and **Spring JPA**.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **Mule ESB** based on **Service Oriented Architecture (SOA)**.
* Involved in the Development of **SOAP Web Services** using **Apache Axis** to extract client-related data from databases.
* Deployed the application using **Docker** and **AWS Console services**.
* Extensively used **Java server Faces** **(JSF)** Navigation rules and JSF tags for enhanced user Interface.
* Spring **AOP** is used for logging, auditing, and security and transaction management to distinguish business logic from the cross-cutting concerns.
* Involved in performing Unit and Integration Testing in **Selenium**
* Developed the business logic code in **Core Java/J2EE, JDBC.**
* Deployed application using **Oracle WebLogic Server.**
* Deployed the application to **IBM WebSphere** 8.5.5 in UNIX environment IBM AIX 5.1.0.3. Tested the application after making the necessary configuration.
* **Hibernate** ORM framework is used to interact with databases through Hibernate query language (**HQL**).

**Environment:** Core Java, J2EE, JSP, HTML, MVC, Eclipse Java EE, JMS, MDB, JUnit, PL/SQL, DAO, Web Logic Server, Ant, SOAP, WSDL, Junit, SQL.

**Educational Details:**

Bachelors, SASTRA University, EEE, 2015