**Vijay Kumar Java Backend Developer**

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**PROFESSIONAL SUMMARY:**

* **Around 9** Years of experience in developing enterprise applications in different domains like Health, E-Commerce and other related domains. Good in analyzing, designing and coding technical solutions using **Java/J2EE** technologies to satisfy business requirements.
* Experience in **Agile** software development process, **Test Driven Development** and **Scrum** methodologies.
* Proficient in applying design patterns like **MVC, Singleton, Prototype, Adapter, Visitor, Observer, Decorator, Front Controller, Data Access Object.**
* Solid Experience in **Financial**, **Healthcare**, **Sports** and **E-commerce** domains.
* Experience in developing applications using **Java/J2EE (Servlets, JSP custom tags, Struts, Spring, Hibernate, EJB’s, Java Beans, JDBC, JMS, JSF), XML, Bamboo, JavaScript, HTML, Hibernate, Eclipse3.x, Tomcat6/7/8.0, WebLogic, Oracle and Unix Korn Shell Scripting**.
* Extensive work experience in all phases of **Software Development Life Cycle (SDLC)** including Requirement **Analysis**, **Design**, **Coding**, **Testing** and **Implementation in Agile (Scrum)**, **TDD Environment**.
* Implemented persistence layer integration with DB’s using **iBatis**, **JPA/Entities/Hibernate/JDBC API.**
* Extensive experience in data processing and interfacing (**Back-end/Front-end connectivity) skills using Oracle 9i/10g/11i (SQL, PL/SQL, Stored procedures), MySQL 3.2/4.x/5.x and Create Entity Relationship Diagrams (ERD) for various database systems - Oracle, DB2 etc.**
* Experience with complete **Spring framework- Spring Boot, AOP, Transactions, Security, Auto wiring, and ORM, MVC, Spring Data, Spring Hystrix, Hateos, Webflow and spring integration with AWS.**
* Experience with **AWSCloud – EC2, EBS, Ecr, Lambda function, Auto scaling, SQS.**
* Experience with **NoSQL** DB’s like **Mongo DB, Cassandra, Couchbase, Kafka.**
* Experience with databases **like postgres, mongo & Elastic.**
* Well versed with **Core Java** concepts like **Collections, Multithreading, Serialization.**
* Experienced in using **UI** frameworks such as **Struts, Cross browser compatibility development**.
* Worked with **JMS API, Spring JMS, IBM MQ, Active MQ, Rabbit MQ, MQ-Series API and Kafka.**
* Expert level skills on **Angular JS, Angular 2/4/8, CSS3, HTML5, Node JS, jQuery, JavaScript, React JS, AJAX, JSON, Tag Libraries.**
* Knowledge on **Build tool Jenkins** with configuring check styles, Test coverage.
* Experience with controlling/tracking systems **Subversion**, **SVN**, **GIT**.
* Good working knowledge of build tools: **Ant, Maven and Gradle**
* Experience on **Service Oriented Architecture (SOA)** designs.
* **Continuous Integration and continuous delivery** (**CI/CD**) as part of **Devops** environment.
* Experience in Web Service Technologies: **SOAP, REST, Microservices, WSDL, Apache Axis**, **CXF**, **JAX-WS**.
* Well versed with **PaaS( pivotal cloud foundry**) and **IaaS** service offerings.
* Experience with **WID, BPEL, BPM, Mediations, Workflow engine and SOA Architecture**.
* Well experienced in using **Junit, Mockito**, **Log 4J, JMeter, Test NG**, SOAP **UI** and **kendoUI** for testing & reporting framework.

**EDUCATION**:

**Bachelor of Science in Computer Science (BSc), Acharya Nagarjuna University, 2015**.

**TECHNICAL EXPERIENCE:**

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| Cloud Platforms | Azure, Amazon Web Services: EC2, S3 etc., OpenShift |
| Languages | Java 11, 8, 1.6/1.5, PL/SQL, YML, UML, XML, XSL, XSLT, C, C++, Python |
| J2EE Technologies | JSR-286 Portlets, JDBC, JPA Servlets, JSP, JMS, JUnit, RMI, Apache Axis2, REST, Kafka. |
| Frameworks | Angular 1.x, 2.x, Node.js, JSF 1.x/2.x, Struts 1.x, Spring 3.x/4.x, Spring Boot 1.5x 2.x, Spring Cloud, MVC architecture, EJB 2.x/3.x, IBM HATS |
| Persistence layer | Hibernate 3/4, JPA. |
| IDEs/tools | Eclipse, IntelliJ Suite, MyEclipse, Net-Beans, JBoss, WSAD/RAD, IBM Rational Software Architect (RSA). |
| Design Modeling | OOA/OOD, AOP, UML |
| Web Tools | Typescript, AJAX, DOJO, CSS, JavaScript, Flex, XML, HTML, XHTML, SOAP, WSDL. |
| Version Control | Git, GitHub, Harvest, SVN, CVS, Clear Case. |
| Database | IBM DB2, Cassandra, Oracle12g, Postgres, MS SQL Server, MySQL |
| Documentation Tools | MS Office 2016, Visio, O365, MS SharePoint, Confluence, kendo UI. |
| Web/Application Servers | Docker, IBM Web Sphere, Web Logic, Apache Tomcat. |
| Methodologies | Agile, SCRUM, TDD, Waterfall |
| Operating Systems | Windows (Major), Linux |
| Others | ANT, Maven, Gradle, Rational Software, Open Make, UMLet, Log4J, Junit |

**PROFESSIONAL EXPERIENCE:**

**Client: Equifax, Alpharetta, GA Feb 2022 - Present**

**Role: Java Developer**

**Responsibilities:**

* Involved in **Scrum** (daily standups) meetings, **Sprint/retrospective** planning and estimation of the tasks for the user stories and refine the tasks for next sprint.
* Involved in various **SDLC** phases like **Requirement** gathering, **Design**, **Analysis** and **Code development**.
* Used **Java 8** Features Like **lambda expressions** for communicating between business layers and database, **stream API** for Bulk Data Operations on **Collections** using both streams and parallel streams.
* Excellent experience of using **NPM code Packages** and managing **JavaScript** projects.
* Have extensive knowledge on **JavaScript/Typescript** dynamic programming languages. (Async await HTTP requests etc.)
* Built applications using **React JS** with **ES6** which allowed us to render pages on both the client and server using the same codebase, developed web and mobile applications using ES6 features and frameworks such as React, React Native and Redux.
* Pleasant Experience in **React.js** for creating interactive UI's using One-way data flow, **Virtual DOM**, **JSX**, **React Native** concepts.
* Strong in using the **Node.js**, and Require.js and MVC Frameworks in the development of the web application.
* Experience in User Experience (UX) design and development, User Interactive (UI) Web Pages and visually appealing User Interfaces using **JavaScript,** **Vue.js**, **Typescript**, Node.js and **React.js**.
* Developed UI pages with **HTML5**, **CSS3**, **JavaScript**, **Bootstrap** for creating Responsive web pages.
* Extensive experience in developing **Microservices** using **spring frameworks** and followed domain driven design.
* Re-validated corrected data from source and re-processed to get them loaded to the oracle target.
* Used Git branching strategy and bitbucket for inspection and version control maintenance.
* Experiences in using build/deploy tools such as **Jenkins, Docker and OpenShift** for Continuous Integration & Deployment for **Microservices**.
* Deployed **Spring Boot** based **Micro services Docker** containers Using **AWS EC2 containers** services and using **AWS admin console**
* Implementing the **Microservices** based on **RESTful API** utilizing **Spring Boot** with **Spring MVC**.
* Hands-on experience with J2EE Architecture, Application servers and Web servers and wide variety of development tools (Web Sphere, Apache Tomcat, STS, BitBucket, AWS) |
* Implemented **Restful Web Services** in **Spring Boot** for consuming, producing JSON/XML Data from End points.
* Used Kafka stream state store for aggregations.
* Good knowledge of **Web Services** with protocols **SOAP** and **REST**.
* Developed the Spring Features like **Spring MVC**, **Spring Boot**, **Spring Batch**, **Spring Security**, and **Spring Integration**.
* Kafka integration with Spark using Spark Streaming API.
* Secured **Rest API’s** by implementing **OAuth2** tokens-based authorization schema by **Spring Security**.
* Experience in working with **AWS**, **EC2,** and **S3, Cloud watch platform**. Created multiple VPC, Subnets in AWS as per requirements.
* Used Spring Kafka API calls to process the messages on Kafka Cluster setup.
* Understanding the Customer requirements and master franchises future developments to their markets, develop exact to their requirements.
* Implemented service methods and **SQL** queries, **PL/SQL** to interact with Oracle database.
* Contributes to policies, standards and procedures, and documentation of process improvements to continually streamline the **Identity and Access Management**.
* Created/managed **Mongo DB/NoSQL** collections. Developed Server-side automation using **Node.js** scripting and connecting different types of **SQL** and **NoSQL databases**.
* Worked on Scala for implementing spark machine learning libraries and spark streaming.
* Implemented Kafka Stream to retry error topic record.
* Making documents and training manual for users in multi languages as required for project.
* Used IntelliJ for development and debugging **Spring Boot** applications Used **GIT** for version control.
* Developed **CI/CD** pipeline and build tasks to run the unit tests on **Jenkins** and maintained separate build in **Maven** for the module for easy integration to the portal build and configure with **Jenkins**.
* Used **GIT** as version management, Jira for defect management system.
* **Unit testing** and **E2E testing** frameworks are used.
* Supports different markets for alerts and bugs, Analyze and understand fix them.

**Environment: Java 8, Typescript/JavaScript, React JS, Node JS, Spring boot, Spring security, Microservices, SQL, PL/SQL, webservices, Mongo DB, GIT, Jira, VS code, AWS, S3, Cloud watch, Docker, Jenkins CI/CD.**

**Client Wipro Limited, India June 2019 to Feb 2022**

**Role: Java backend 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.**
* Built Components using **Angular 2** and worked on Angular directives. Implemented lazy loading and Dynamic loading in the Angular routers. Worked on Typescript for building the code.
* Strong 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.
* Implemented **HTTP** requests using **RxJS Observable** library to handle multiple values over time**.**
* Developed prototype and project layout skeletons using **Angular 2, jQuery, HTML5, and CSS3.**
* Used various **jQuery** and **Bootstrap** plug-in like date picker, Bootstrap selectors.
* Implemented **Microservices** into existing system architecture. Developed **Microservices** business components and **RESTful** service endpoints using **Spring Boot**.
* Developed multiple enterprise applications using **Spring Boot, Hibernate framework, Spring IOC, Spring MVC, Spring JDBC, Spring Annotations, Spring AOP, Spring Integration, frameworks, RESTful webservices.**
* Extensive experience in **Azure** E3 Enterprise Mobility Suite of tools in MFA (Multi-Factor Authentication) and Intune. Build Data Sync job on Windows Azure to synchronize data from SQL databases to SQL **Azure.**
* Implemented authentication and authorization for the application using **Spring Security and Oauth2.**
* Worked on **Java 8 Lambda** expressions and Pipelines, Streams.
* Implemented **Spring IOC** for Dependency Injection and to make the code loosely coupled and **Spring AOP** for logging purposes.
* Worked with the Spark for improving performance and optimization of the existing algorithms in Hadoop using Spark Context, Spark-SQL, Spark MLIib, Data Frame, Pair RDD's, Spark YARN.
* Implemented solutions using Hadoop, Apache Spark, Spark Streaming, Spark SQL, HBase and Scala.
* Implemented Kafka Consumer Rebalance to save the offset.
* This involves developing the Spring boot app in STS with GIT as a repository. Used Atlassian tools like BitBucket Bamboo and jira for build and Maintenance of the Project
* Implemented **SOAP** based **JAX-WS Web services** interfaces for integrating multiple systems, code re-usability and consumed JMeter to test performance of **SOAP** protocol.
* Worked on creating, retrieving, updating and deleting documents in **MongoDB**.
* Developed a conical map/reduce-like architectural pattern that that is designed to leverage the **Azure** platform.
* Work in progress on POC to migrate to Windows **Azure** to address scalability and performance issues. Implemented high availability with **Azure C**lassic and **Azure R**esource Manager deployment models.
* Configured **JMS** server setup, DB connection setup & deployed Returned items in Web Sphere Server.
* Setup the **Continuous Integration (CI) & Continuous Development (CD**) for the application using Jenkins.
* Worked on **Jenkins** for continuous integration with **Gradle** and **GitHub.**
* Used **Log4j** for validate functionalities and **JUnit** for unit testing.
* Implemented configured **JIRA** issue tracking software with **Agile** plug-in across all the company functions.
* Used **IntelliJ** IDEA IDE tool for application development.

**Environment:** Java 8, J2EE, HTML5, CSS3, JavaScript, jQuery, Angular 2, TypeScript, Bootstrap, Spring Boot, Spring IOC, Spring MVC, Log4j, SOAP, RESTful, Microservice Architecture, XML, AWS, Mongo DB, CI/CD, Maven, IntelliJ IDE, JUnit, JMS, UNIX, Jenkins, JIRA, Log4j, Git.

**Client: Monocept Health Care, India Jan 2017 to June 2019**

**Role: Java/J2EE Full Stack Developer**

**Responsibilities:**

* Involved in **Scrum** meetings, **Sprint** planning and estimation of the tasks for the user stories.
* Involved in various **SDLC** phases like **Requirement** gathering, **Design**, **Analysis** and **Code development**.
* Developed applications using new features of **Java 8**such as **Local Va.**
* Familiarity with **Netflix OSS** cloud services such as **Eureka, Hystrix, Ribbon and Zuul.**
* Diverse experience utilizing tools in N-tier and Microservices architecture applications using **Spring Boot, Spring Cloud config**, **Netflix OSS** components (Eureka, Zuul, Hystrix), **AWS, Cassandra, My SQL, Restful Web Services.**
* Implementation of **Zuul proxy** as the API gateway**.**
* Used **Java 8** features like stream and Lambda expressions.
* Applied **Spring Circuit Breaker** to potentially-falling method calls using the **Netflix Hystrix**.
* **Zuul** uses **Netflix Ribbon** to look up for all instances of the service from the **service discovery (Eureka Server).**
* Used **spring-config-server** to centralize all the application related properties.
* Working with **Node.js** as web server created a highly scalable server, Creating non-blocking functions.
* Using Express Framework to set up middleware to respond to the **HTTP requests** with the help of **Node JS**.
* **React/Redux layer** requests the template through **CDN** which caches the templates for a specific period.
* **React** has component-based approach to UI development and is comparatively faster due to its diffing algorithms which use Virtual DOM to handle re-paints to the webpage.
* Used **Spring-Cloud** to bring up an instance of **Eureka** and also created set of cloud microservices.
* Used Microservice architecture, with **Spring Boot** based services interacting through a combination of **REST** and **RabbitMQ** message brokers.
* Used **Spring Annotations** to simplify the business logic for creating **Spring MVC RESTful webservices**.
* Design and Implementation of **MongoDB** database.
* The product **API’s,** Category and bunch of Browse API’s caching is done in **Redis** by getting data from **WCS.**
* Implemented **MVC** architecture with **React** components as Views, models, and controllers in **Node.js** for **API** development.
* Implemented a stream filtering system on top of **RabbitMQ** to reduce stream size.
* **Splunk** support for multiple types of devices, such as workstations, servers, network devices, virtual machines, mobile, and Internet of Things (IoT) devices.
* **Service-now** used to raise the incidents and work on the incidents related to customer.
* Used **Git, Bitbucket** as part of version control system for code check-ins.
* Used **JIRA** tool for tracking stories progress and follow agile methodology.

**Environment: Netflix OSS (Zuul, Ribbon), Spring Eureka, Node JS, react Web services, Rabbit MQ, Spring, Spring boot, Web Services, Rest API, Microservices, Splunk, Grafana, Jira.**

**Client: Hexagon Capability Center, India July 2015 to Dec 2016**

**Role: Java/J2EE Full Stack Developer**

**Responsibilities:**

* Involved in **Scrum meetings**, **Sprint planning** and estimation of the tasks for the user stories.
* Involved in various **SDLC** phases like Requirement gathering, Design, Analysis and Code development.
* Used **XML Web Services** using **SOAP protocol** to transfer the amount to other application that is remote and global to different financial institutions
* Wrote code Web Services (**JAX-WS**) for external system via **SOAP/HTTP** call and to fetch data from web services via JSON response and updating **HTML pages**.
* Used **Web services (SOAP, REST)** for transmission of large blocks of data over **HTTP**.
* Implementing a **Continuous Delivery framework** using **Jenkins**, **CHEF, Maven** in Linux environment.
* Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment**) methodologies using **Jenkins**.
* Experienced with automating release process using **Maven, Jenkins**, and Jira as tools in diversified project environment.
* Responsible for design of **WSDL** files and schemas. Designed and hosted **SOAP** based **Web Services**.
* Working on AWS Auto Scaling for providing high availability of applications and **EC2 instances** based on the load of applications by using **Cloud Watch in AWS**.
* Used Java 8 features like **stream** and **Lambda expressions**.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and **Concurrency API**.
* Implementing a Continuous Delivery framework using **Jenkins, CHEF, Maven** in **Linux** environment.
* Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies using Jenkins.
* Experienced with automating release process using **Maven, Jenkins,** and **Jira** as tools in diversified project environment.
* Experienced in all phases of **SDLC** using **JAVA, J2EE** (Servlets), **MVC Framework, Spring**, **Hibernate**, **XML, JDBC**, **Webservices, SOAP, REST, WSDL, XML, Linux technologies**.
* Working with Project Management Team Foundation **Server, SharePoint, Microsoft Project, and JIRA** and source code version control **SVN** environment.
* Proposed and developed Mainframe based tools to automate daily processes and tune existing system performance.
* Used **GIT** for version control, experience with **GIT-Bash and GIT-Hub**.
* **MQ Visual Browse** supports 3rd party security exit for connecting to remote queue managers.
* Ability to open and display multiple queues from multiple queue managers.
* Ability to open (subscribe) and display multiple topics from multiple queue managers.

**Environment: Java and J2EE design patterns, Java7, Java 8, JIRA, Jenkins, Git, GitBash, SOAP UI, MQ Visual Browser, Mainframe, GUI URL access, DB2, AWS, Squirrel SQL Browser version, My Eclipse, Linux (Putty).**