***Name: Vijay Kumar G***

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***Senior Full stack Java Developer***

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***PROFESSIONAL SUMMARY:***

* 8+ years of experience in IT Design, Developing, Testing and Deploying Java/J2EE applications.
* Worked in an agile environment and participated in daily scrums, story refinement sessions, and sprint planning and retro meetings.
* Experience on Java Multi-Threading, Collection Framework, Interfaces, Generics, Synchronization, and Exception Handling.
* Strong working experience in distributed object-oriented component analysis and design according to industry leading J2EE frameworks.
* Proficiency in developing secure web applications and server side development using Servlets, JSP, CSS3, HTML5, XML, JavaScript, Angular JS, Spring, Hibernate, SOAP/Rest services, JMS.
* Experience in developing various UI widgets using JQuery, worked with JQuery library.
* Experienced in applying advanced approaches including MVC patterns, object oriented JavaScript, JQuery and Json.
* Created plug ins for an in-house data ingestion framework to extract data from multiple sources like Apache Kafka, Database, file systems and Messaging Queues.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka.
* Hands on working with CSS background, Layouts, Positioning, Text, Border, Padding, Pseudo Classes, Elements and CSS behaviors in CSS.
* Experience in Cross-Platform Mobile Development using React Native + Type Script based mobile app.
* Proficient in using AJAX for implementing dynamic Web Pages where the content was fetched via API calls and updated the DOM (JSON Parsing). Using Web pack and ECMAScript 6 for all React and Redux projects.
* Experience in handling messaging services using Apache Kafka.
* Involved in implementation of Web Applications requiring deployment on Amazon Web Services (AWS) PaaS using EC2 instances, S3 Buckets, Lambdas, Auto Scaling, and Load Balancers.
* Hands on experience with rapid prototyping technologies.
* Unit tested web services using Junit, JMeter, Mockito Easy mock, Spring Junit Runner, Spock, Test NG and hence achieved the goals of Test Driven Development (TDD)
* Well experienced in using various AWS (Amazon Web Services) Iaas (Infrastructure as a Service) Components like EC2 for running applications on virtual machines, S3 and Glacier for storing and long term back up of data, EBS for persistent block level storage, Elastic Cache,
* Dynamo DB, SQS for message queueing, RDS for setting relational database in cloud and Lambda for server less program functions
* Expertise in using Microsoft Azure which is cloud computing service for building, testing, deploying and managing applications and services through a global network of Microsoft managed data centers.
* Good Knowledge and Experience on implementing Spring Cloud- Netflix OSS Stack for micro Services deployment, Zuul for API Gateway for routing, Hystix (Circuit Breaker) for latency and fault tolerance and Eureka for service registration
* Experience in applying JMS (Java Messaging Service) for reliable information exchange across Java applications using Apache Kafka, RabbitMQ, ActiveMQ and IBM MQ to communicate from Client to Server
* Applications using JTA, RMI, JMS, WSDL, JAX-WS, JAX-RPC, JSON.
* Experienced in developing web-applications using various design patterns, including session facade, MVC, Data Access Object, Transfer Object, and Business Delegate.
* In-depth knowledge and experience in multiple domains including Education, Wireless, Finance and Insurance.
* Involved in designing UI patterns and developing applications with the help of Eclipse, Sublime text, Adobe Photoshop, Adobe Dreamweaver and Notepad++.
* Attend Daily standup meetings (Scrum), Estimation meetings and Requirement review meetings to analyze requirements for each story card in a sprint
* Possess a very good ability to grasp the underlying business process and ability to work as an individual an also in a team.
* Strong analytical, interpersonal and communication skills. Demonstrated track record of analyzing situations, implementing solutions in a fast paced environment.
* Active involvement in designing and developing real-time projects/enterprise applications, starting from the requirements analysis/design stages and through the whole Software Development Life Cycle (SDLC).
* Excellent communication, analytical, interpersonal and presentation skills.
* Good team player, ability to work in fast paced environment.

***TECHNICAL SKILLS:***

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| **Operating System** | Windows 10/2007/2000/XP, UNIX. |
| **Programming Languages** | C, C++, JAVA, SQL, PL/SQL, PHP |
| **J2EE Technologies** | Servlets, JSP, JDBC, JSTL, JSF, Spring MVC, Spring Boot, Hibernate, Struts, EJB, Web Services, RMI, JNDI |
| **Modeling Language** | UML |
| **Web/Application Servers** | Apache TOMCAT 6.x/7, Web logic 8.x/9.x/10.x/11. g, IBM Web Sphere 6.x/7.x/8.x, JBoss 6.x/7.x |
| **Web Technologies** | HTML5, XML, XHTML, JavaScript, DHTML, CSS, XSL, XSLT, SOAP, WSDL, SAX, DOM, Ajax, JSON, Angular Js, React Js, Node Js. |
| **IDE**  | Eclipse, RAD 7.0/6.0, WSAD, JBuilder, Oracle JDeveloper 10g |
| **Databases** | Oracle, MySQL, MS SQL, Cassandra, MongoDB |
| **Configuration Tools** | JUnit, Log4j, Rational Rose, CVS, SVN, ANT, MAVEN |
| **Application Frameworks** | Struts, JSF, Spring MVC, Hibernate |

***PROJECT EXPERIENCE:***

***The Bridge Corp, Philadelphia, PA Apr 2020- Till Date***

***Senior Java Full Stack Developer***

***Responsibilities:***

* Worked in the complete Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Worked in an agile environment and participated in daily scrums, story refinement sessions, and sprint planning and retro meetings.
* Developed java code to deliver a functional and testable piece of software as per the requirement each sprint.
* Designed application modules, base classes and utility classes using core java, spring dependency injections, annotations and configuration files.
* Utilized various design patterns like factory, builder, singleton, circuit breaker to develop clean, maintainable software.
* Experience in applying JMS (Java Messaging Service) for reliable information exchange across Java applications using Apache Kafka, RabbitMQ, ActiveMQ and IBM MQ to communicate from Client to Server
* Created plug ins for an in-house data ingestion framework to extract data from multiple sources like Apache Kafka, Database, file systems and Messaging Queues.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka.
* Implemented functionalities using spring modules such as Spring MVC, Spring Boot, Spring JDBC, Spring Web/ Rest, Spring Core.
* Built Angular 9 components, UI services to consume rest services using Component based architecture provided by Angular 9.
* Developed powerful Single Page Application and dynamic responsive Web Application with Angular 9.
* Participated in Agile Process/SCRUM Meetings. Developed detailed mockups, prototypes and wireframes to illustrate interface and design concepts of the website using Microsoft Visio.
* Develop API’s in Spring Boot Microservice architecture. Maintain AWS sub accounts and upgrade them with latest versions of Docker images from AWS ECR.
* Worked at all stages of project including Post Production Support. Worked on Build tools such as Grunt, Gulp, Webpack.
* Worked on Developing API’s with Java and integrate them with AWS API gateway service.
* Integrated Apache Kafka for data ingestion.
* Developed RESTFUL API’s in java with Spring MVC. Written JUNIT test cases for testing Java code.
* Implemented CI/CD for both front-end and back-end components. Developed page layouts, Navigations and presented designs and concepts to the clients and the management review.
* Identifying and fixing the browser performance-related issues in the application along with production deployment and validation support.
* Used Git to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.
* Implemented micro services architecture to convert monolithic application into small applications.
* Designed and developed restful web services using spring rest to produce and consume JSON data.
* Used Jackson for conversion of Object to JSON and JSON to Object in the process of developing REST web services.
* Wrote SQL queries using spring JDBC template to interact with relational databases like PostgreSQL, SQL Server, Oracle and DB2.
* Used JUnit and Mockito to write unit test cases.
* Monitored logs using Log4J to analyze and debug the application.
* Experienced in using CI/CD tools to build and deployment of applications.
* Worked closely with QA team and fixed bugs as well as production issues with a quick turnaround time.
* Involved in code reviews and peer coding activities.
* Supported application in production.

***Environment:*** JavaScript, Java, Node.js, Restful-Webservices, Spring Boot, Angular 9, Agile, React Js, Kafka, Bootstrap, NPM, JSON, Oracle, PostgreSQL, Windows, AWS

***Hudson’s Bay Company, NYC, NY Aug 2018- Mar 2020***

***Full stack Java Developer***

***Responsibilities:***

* Responsible for system analysis, design and development using Java J2EE architecture.
* Developed the application use cases using the open source framework such as Spring and Hibernate.
* Used multi-tiered Java design and coding utilizing Spring Inversion of Control (IOC), spring boot and spring security.
* Worked in using React.js Router, Forms, Animations, Keys, components, Events and Flux concept.
* Responsible for React UI and architecture. Including Tree, Building components library, Table Grid and Slide-View.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Developed a dashboard based on Ajax calls with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using Node.js.
* Used Express.js which is assertive, fast, essential and moderate web framework of Node.js that helps manage a server and routes.
* Post-processors, transpires, tests etc. based on build target.
* Developed REST API services using Node JS, Express JS, Body-Parse and other node modules to serve the web application with JSON data.
* Used GIT and Stash for creating branches, pull requests and merging
* Developed readable and writable streams of Node JS to process the data from external means of the application.
* Added Excel-Building to download the Tabular data in Excel Format using React.
* Created a pipeline from Mongo DB cluster by configuring Mongoose Connector, to sync with multiple sources like Elastic Search or another Mongo DB.
* Used Pivotal Cloud Foundry, the connection/service binding details are injected from the deployed cloud platform itself.
* Used a microservice architecture, designed and developed RESTful web services using Apache CXF and Spring Boot framework.
* Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Moving existing monolithic architecture to Microservices and migrating them to AWS cloud.
* Used AWS Services platform to upload data into AWSS3 buckets and creating EC2 instances.
* Implemented modular approaches for backend on AWS’sElastic Beanstalk and implemented interfacing with MySQL/Aurora DB on AWS’s RDS, allowing for scalability.
* Worked with build tools like Bower, NPM and Grunt.
* Implemented various functionality using spring IO/spring boot and hibernate ORM.
* Used spring core annotations for dependency injection and utilized spring boot for developing micro services and spring batch for batch processing.
* Developed Web pages using Angular JS, JavaScript, HTML5, AJAX, CSS3, and XSLT to create the user interface views.
* Created SQL queries, Stored procedures using PL/SQL for data modification (Using DML insert, update, delete) in Oracle.
* Implemented and configured the business objects of an application by using spring beans.
* Written mapping files for mapping java objects with columns in database tables.
* Developed Restful Web Services using JAX-RS which were exposed to other applications.
* Write unit test cases by using JUnit and Mockito framework to perform the unit testing.
* Used Git as source version control tool and used Log4j for log.
* Actively participated in the daily SCRUM meetings to produce quality deliverables within time.

***Environment:*** Java, J2EE, Restful Web Services, AWS, Oracle, GIT, Hibernate, Spring-MVC, Spring-REST, Soap UI, PL-SQL, JSON, JQuery, JavaScript, Maven, JBoss, Tomcat, Windows.

***TCF Bank, Minnesota Jun 2016- July 2018***

***Java /Application Developer***

***Responsibilities:***

* Worked in the complete Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Designed application modules, base classes and utility classes using Core Java Spring dependency injections, annotations and configuration files.
* Developed the presentation layer using Angular JS, AJAX, HTML, CSS and client validations using JavaScript.
* The Restful web services have been used to retrieve and update the data which is populated in view using Angular JS.
* Developed web services code for the system will either use services in connected applications to perform business operations.
* Used ES5 concepts while writing the code.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 2.0.
* Worked on 5 verticals of an application on agile base development cycle with a By-weekly sprint.
* Implemented Angular 2 component router for navigation, Angular 2 services to connect the web application to back-end APIs. Followed ES5 and ES6 coding standard and coding best practices.
* Implemented applications using Twitter Bootstrap framework.
* Implemented functionalities using Spring IO / Spring Boot, Thyme leaf and Hibernate ORM. Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.
* Developed code for obtaining bean references in Spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Developed Business components using Java Objects and used Hibernate framework to map the Java classes to the database using Annotations.
* Developed using web based technologies such as Hibernate ORM and Web Services (REST /SOAP).
* Used Hibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Developed REST Web Services clients to consume those Web Services as well other enterprise-wide Web Services.
* Used TDD to write unit test cases as well as performing code reviews of other developers using JUnit.
* Monitored the error logs using Log4J and fixing the problems. Also, created detailed JUnit tests for every single piece of functionality before writing the functionality.
* Performed Test Driven Development (TDD) and used JUnit for the unit testing.
* Worked closely with QA team and fixed QA bugs as well as production issues with a quick turnaround time.
* Worked on creating automation scripts in selenium using java for system testing.

***Environment:*** Agile, Java/J2EE, Angular JS, HTML, XML, CSS, JavaScript, XHTML, AJAX, Spring MVC, Hibernate, Oracle, SQL, JMS, REST Web Services, JBoss, Log4j, Servlets, JUnit, AWS, Maven, Git, Jenkins.

***T-Mobile, Bellevue, WA Oct 2014- May 2016***

***Java/ UI Developer***

***Responsibilities:***

* Actively involved in the application architecture and development tools for web solutions that fulfill the business requirements of the project.
* Developed Use case diagrams, Object diagrams, Class diagrams, and Sequence diagrams using UML
* Involved in the development of presentation modules. The application is based on the MVC Architecture using Spring framework.
* Implemented client side validations using JavaScript and server side validation in the Action classes.
* Developed Web pages using Angular JS, JavaScript, HTML, AJAX, CSS, and XSLT to create the user interface views.
* Angular JS was used to binding information between elements of the pages and for routing of the Web pages.
* Designed and developed a web client using JSP, JavaScript, HTML and XML using Spring Framework.
* Involved in creation and deployment of Enterprise Application in Web Sphere.
* Employed Hibernate to store the persistent data as an Object-Relational Mapping (ORM) too for communicating with database.
* Used Web services for sending and getting data from different applications using REST.
* Used Spring Framework for Dependency injection and integrated with Hibernate.
* Used JUnit to unit test the modules & Log4j for logging error/debug messages.
* Resolved the issues encountered during the System Test and Acceptance Test.
* Created automated scenarios for functional, security and GUI testing with valid and invalid data.
* Involved in writing test scripts using java and executed it through Selenium.
* Involved in bug-fixes, enhancements and code refactoring.

***Environment:*** Java, JavaScript, Servlets, Angular JS, AJAX, XML, Oracle, PL/SQL, Hibernate, Spring, UML, Rationale Rose, Web Logic, REST, Eclipse, HTML, JMS, CSS, Agile, Log4J, JUnit.

***HCL Technologies, Hyderabad, India Oct 2012- Sep 2014***

***Java Developer***

***Responsibilities:***

* Gathered requirements for new features and involved in Analysis, Design, Development and Testing of the application.
* Work closely with a team of web programmers and other database developers to facilitate the build of reporting solutions.
* Incorporated UML diagrams (Use-case diagrams, Activity diagrams, Sequence diagrams) as part of design documentation and other system documentation.
* Created enterprise applications using MVC pattern using frameworks like Spring MVC and Hibernate ORM.
* Implemented the application using the concrete principles laid down by several design patterns such as Business Delegate, Singleton, and Data Access Object.
* Responsible for creating the database tables on the Oracle database. Wrote complex SQL queries to perform various database operations like create tables, select etc.
* Designed and developed the UI using JSP, HTML5, CSS3, JavaScript and JQuery,
* Developed Restful Web services using JSON/XML.
* Developed the persistence layer using JDBC and Hibernate/JPA.
* Deployed the application in Web Sphere Application Server and Apache Tomcat Web Server.
* Written JUnit Test cases while performing unit testing.
* Worked with QA team for testing and resolve defects.
* Used Maven automated build scripts to compile and package the application.
* Implemented Log4j for the logging the project.

***Environment:*** Java, J2EE, UML, Spring MVC, Hibernate, JDBC, Design Patterns, RESTful, JSP, HTML5, CSS3, JavaScript, JQuery, JSON, XML, Maven, Tomcat, WebSphere, Oracle, Log4j, Eclipse, JUnit, SVN.