**Balaji Gokulakrishnan**

**Mobile Number: 415-766-9664**

**Java Fullstack Developer**

**SUMMARY:**

* 7+ years of experience as a Software Developer in Analysis, Design, Development, Testing and Implementation of applications on Java/J2EE technologies.
* Professional web applications using **HTML/5, XHTML, CSS2/CSS3, JavaScript**, jQuery, AJAX, JSON, DOM, XML, Angular.js, Backbone.js and Angular.js 2.0 with experience in the software development life cycle.
* Extensive development experience in web applications using Java 5/6, J2EE1.4/1.5, JSP 1.2/2.0, Servlets 2.4, EJB 2.0/3.0 and APIs like JDBC, Java Mail, JNDI, XML, JavaBeans.
* Extensively involved in the integration of the Front End web interface with the Spring MVC, **Angular JS**, JSP, HTML and CSS.
* Involved in creating a reusable component using **React JS** for DOM manipulation. Developed various screens for the front end using **React JS** and used various predefined components from NPM (Node Package Manager) and Redux libraries.
* Experienced in SOA and Web Services technologies, including **RESTful**, JAX-WS, JAX-RPC, Axis, Soap, XML, WSDL, SAX and SAAS based design.
* Excellent technical knowledge in back-end RDBMS tools like Oracle 9i/10g/11g and MySQL.
* Strong Experience in implementing Service Oriented Architectures and XML technologies such as SAML, X**ML, XSD, XSL, XSLT** (DOM, SAX), and JAX
* Strong experience in implementing MVC framework like Struts 1.2/2.0, spring 2.x and ORM tools like Hibernate in J2EE architecture.
* Good understanding of JAVA 8+ / J2EE Design Patterns like Singleton, Factory, Front Controller, Value Object, Business Delegate, Service Locator and Session Facade.
* Experienced in build tools like Ant and Maven, Log4j for Logging and JUnit for testing.
* Expertise in using J2EE Application Servers such as IBM WebSphere 4.x/5.x/6.x, **WebLogic**, **JBoss** 3.xand Web Servers like Tomcat 5.x/6.x.
* Experienced in database GUI/IDE Tools such as **TOAD,** DB Visualizer and MySQL Client.
* Experienced in handling Version Control Systems like **TFS,** **CVS, VSS and SVN.**
* Working experience with the operating systems like UNIX, Solaris and Windows.
* Proficient in working across all stages of Software Development Life Cycle (**SDLC**) and Agile methodologies.
* Experience with **UML** diagrams like Class, Object, Use Case, State, and Activity diagrams.
* Strong analytical, interpersonal and communications skills.
* Experience using an Integrated Development Environment like Eclipse, RAD 7.5/8.5 for code development.
* Worked strongly following **agile** methodology.
* Experience with various Services of **AWS**: EC2, Elastic Beanstalk, ELB, Route53, and S3.
* Extensive experience in developing Web Services applications using REST Client, **REST API,** SOAP
* Always worked closely with system users and management personnel and gained reputation of loyalty, quick problem solving, and excellent teamwork and communication skills.
* Excellent analytical capabilities and good communication skills. Ability to quickly adapt to new environments and learn new technologies.
* Have deep understanding of both Relational Database and also experience in non-relational database like Mongo DB.
* Work involved extensive usage of **HTML5, CSS3, Bootstrap, AJAX, AngularJS** and JavaScript for client side development and validations.

**Education:**

* Bachelors in Computer Science, Anna University, India

**TECHNICAL SKILLS:**

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| * **Languages/Tools** | * Java, J2EE, XML, HTML, DHTML. |
| * **J2EE Standards** | * JDBC, JNDI, JMS, Java Mail & XML Deployment Descriptors. |
| * **Web/Distributed Technologies** | * J2EE, Servlets, JSP, Struts, JSF, Spring MVC, Spring Port lets, JSTL, EJB, RMI, XML, XSD, UML, MVC, JDBC, JPA, iBatis and Hibernate. |
| * **Databases** | * Oracle, MySQL, DB2, MS Access, NoSQL. |
| * **Browser Scripting** | * JavaScript, jQuery, DHTML, AJAX, AngularJS. |
| * **IDE & Tools** | * Eclipse, Net Beans, Dragon Designer, JDeveloper, RAD, SoapUI, REST Client, SQL Developer, Toad, Wire shark. |
| * **App/Web Servers** | * IBM WebSphere, BEA Web Logic, Apache Tomcat. |
| * **Messaging & Web Services Technology** | * SOAP, WSDL, UDDI, XML, JAX-RPC, JAX-WS, JAXB, JAXP, JMS. |
| * **Content Management** | * SVN, CVS, TFS and Rational Clear Case |
| * **Testing & Build Tools** | * JUnit, Mockito, Power Mockito, Rally, Jenkins, Continuum, JMeter, Log4j, Rational Clear Case and Maven. |
| * **Operating Systems** | * Windows, MS-DOS, UNIX and Linux. |

###### **Professional experience:**

**Kaiser Permanente - Los Angeles, CA Jan 2020 –present**

**Full Stack Java Developer**

**Responsibilities:**

* Participated in gathering the requirements, analysis, design, development, testing and deployment for enhancements.
* Developed and implemented UI’s using **AngularJS, HTML** and **CSS**.
* Responsible for Web UI development in **JavaScript** using **JQuery**, **AngularJS**, and **AJAX.**
* Added routing and developed factories, worked on root level variables and functions.
* Developed front end test cases using **Jasmine** and **Grunt**, **Node JS**.
* Implemented **RESTful** web service using **Spring MVC**, **HTTP** methods and the concept of **REST**, **URI** for the services, the supported **MIME-type, XML, text, JSON**
* Creating, Organizing, and managing **Test Automation** Resources.
* Implemented automation using **Selenium WebDriver**, **Selenium Grid**, Cucumber, maven
* Implemented **Java SE 8** of Lambda expressions and supporting features to the Java programming language and **JVM** platform.
* Implemented Core Java Methodologies like **Interfaces**, **Collections**, **Exceptional Handling** and **Abstract Classes.**
* Worked upon **Angular  JS**  Service which interacts with RESTful services at backend
* Identified performance issues within the J2EE Infrastructure.
* Security will play a big role in Cloud environment. We have provided SAML integration to make the customer data more secured.
* Developed application using **Spring Framework** that leverages classical **Model View Controller** (**MVC**) architecture.
* Used Swagger to interact with API end points of the **Micro services**
* Used **Multi-threading** in programming to improve overall performance.
* Followed **TDD** approach and implemented **Node.JS** **server** for handling the incoming requests.
* Has very strong exposure on Performance using **Load Runner Jakarta JMeter**, Parasoft SOA Tool and Performance Center.
* Implemented Bootstrap Framework responsive design. Developed UI screens and client side scripts incorporating Servlets, JSP, JavaScript and XML
* Developed GET API for displaying the list of available software versions for upgrade using Java, **Spring Boot** and REST.
* Designed and implemented backend part of the application using **SOLR API** for indexing and un-indexing content from different sources like **POSTgres** and MongoDB.
* Deploy application to **AWS** and monitored the load balancing of different **EC2** instances
* Used the light weight container of the **Spring Frame work** to provide architectural flexibility for **Dependency Injection** (**DI**) / inversion of controller (**IOC**).
* Turned static methods and classes into **spring beans**.
* Developed Value **Objects/POJO** classes to hold the values between **Data Layer** and Business logic layer.
* Responsible for preparing/maintaining project metrics, status and performance reports.
* **AWS** EC2 instances were configured in dev and QA environments with NodeJS.
* Implemented application specific exception handling and logging frame work using Log4j.
* Used Hibernate **ORM** framework with spring framework for data persistence and transaction management.
* Involved in **production** support and resolved the production defects.
* Improve the performance of the application by using the **Developer tools**.
* Micro Services have been built using Spring Boot, spring security and deployed to **AWS** cloud.
* Involved in writing **SQL queries** and procedures and applying optimization techniques.
* Built and deployed the application in **JBoss Application Server.**
* Involved in exposing the statement services offered to the client like getting the statement data are exposed using **SOAP** Web services and MQ interface and for frontend used RESTFUL Webservices for developing functionalities.
* Used **Splunk** to verify the logs generated from different environments.
* Used **Jira** to track and plan and analyze the development.
* Involved in building and deployment of the application by using **Maven.**

**Environment:** Java, JDK1.7, J2EE, AngularJS, NodeJS, JQuery, Spring MVC, Spring IOC, JIRA, Web Builder, SVN, WebServices, Vaadin Framework, Multithreading, Load Runner, Postgres, Mongo DB, Rest Full, Adobe Flex, SAML, WSDL, Amazon Web Services (AWS), JBOSS, Eclipse, Web Storm, Maven, Oracle 10g, SQL developer, Hibernate, Log4j, Splunk, Mockito and JUnit, Angular 2 , Bootstrap , SpringBoot

**Santander Bank, Boston, MA Aug 2018 – Dec 2019**

**Java Developer**

**Responsibilities:**

* Participating in user requirement sessions to gather business requirements
* Involved in Analysis, Design, Development, Integration and Testing of application modules
* Designed and developed Class diagrams and sequence diagrams using **Unified Modeling Language**(**UML**)
* Used **WSAD IDE** for coding, debugging and testing the application modules
* Web pack module bundler and Babel java script compiler are used accompanying **React JS.**
* Implemented Spring Boot to create a **CRUD** operations backend for our React-fronted application.
* Designed the **Cascaded Style Sheets**(**CSS**) for designing the styles, skinning and layouts
* Involved in designing the page layouts using Wire Frames templates
* Developed various Action classes and Form bean classes using **Struts framework**
* Used Object/Relational mapping tool **Hibernate** to achieve object to database table persistency.
* Used **Spring Boot** to create stand-alone spring applications.
* Implemented **Micro Services** based Cloud Architecture using Spring Boot and implementation of Business Services using the Core java and Spring Boot.
* Used **Spring Boot** framework to write Presentation Layer, Business Layers and Controller servlets.
* For client-side view rendering services, used **React JS** typically used various predefined redux libraries.
* Implemented **Spring Boot** Actuator to monitor application performance.
* Involved into 3rd API integration used for Mortgage Valuation. Integration of Amazon Cloud Services (**AWS and S3**)
* Implemented Batch Updates using Spring and configured beans in Application Context file
* Used the features of **Spring Core layer**(**IOC**),**Spring AOP**, **Spring ORM layer** and **Spring DAO** support layer in order to develop the application
* Involved in the configuration of **Struts Framework**, **Spring Framework** and **Hibernate** mapping tool.
* Developed SSO integration using SAML.
* Worked on **Java Messaging Services(JMS)** for developing messaging services
* Implemented different types of messaging prototypes using **JMS**
* Implemented service oriented architecture(**SOA**) using **Apache Axis, SOAP,WSDL,UDDI**
* Involved in developing Webservice operations in **Service Oriented Architecture (SOA)**.
* Used **spring** for bean instantiation, annotations, controllers, request mapping to handle the WebService request and response.
* Developed Single Page Application (SPA) using **Backbone JS** Framework.
* Developed **REST** Web services to make web service calls simple and easy for the client to access it with the help of standard HTTP URIs.
* Design and developed request and response **XML Schema** (**XSD**) documents for WebService operations such as Retrieve History.
* Responsible for creating efficient design and developing User Interaction screens using **HTML**, **CSS**, **JavaScript**, **JQuery**, **AJAX** and **JSON**.
* Created Mock-up designs and developed various functionalities with **JavaScript** and **JQuery**.
* Creating custom, general use modules and components which extend the elements and modules of core **AngularJS.**
* Extracted data in UI for different clients using **JSON.**
* Designed and developed necessary **SQL** for the database operations as needed.
* Involved in deployment of the application at various environments (Development, QA Testing, Staging, and Production).
* Used **Maven** for the project management like build, install. **Continuous Integration (CI)** using **Jenkins**.
* Deployed application on **Apache Tomcat server**.
* Involved in writing Unit test cases for unit testing using **Junit**.
* Deployed this enterprise application by using **CI** Continuous Integration (Jenkins) in AWS Cloud.

**Environment:** JDK 1.7, Spring Framework 3.0.1(DI, AOP, Transaction management, )Eclipse 3.6, Hibernate, XSD, REST Webservices (JAX-WS, CXF Implementation), AWS, Jenkins, SoapUI, TcpMon, Apache Tomcat, XML, Rally, JAXB, Oracle 10g,JSP, JSP-EL, JSTL, HTML5, CSS3, JavaScript, JSON, AngularJS, Toad, XMLSpy, MS Visio, Bourne Shell, Maven, Unix, Putty, SVN, JUnit, Log4j, Power Mock, Selenium, NodeJS, JQuery, JQueryUI, JavaScript

**Citizens Bank, Burlington, VT**

**Java / J2EE Developer Feb 2017 – July 2018**

**Responsibilities:**

* Involved in business requirements gathering and Analysis , Design, Development, Integration and Testing of application modules
* Used different design patterns to implement the application which includes Data Access Object, Business
* Delegate, Value Object and Service Locator etc.
* Used Eclipse as the Integrated development Environment for developing and debugging the **Java applications**
* Used different user interface technologies **JSP, HTML, DHTML, CSS**, **JavaScript** for developing the application
* Used **AJAX, DOJO** libraries for developing the Rich Internet Application and widgets
* Designed and developed the **Cascaded Style Sheets**(**CSS**) for designing the application layouts
* Used Web Service component to access the data from another application e-Audit Net which is running on the **Mac OS server**
* Extensively used core java concepts such as **OOP**, Collections and exception handling
* Developed the Servlets for generating the grids for displaying the customer data
* Extensively worked on **Struts framework** for developing the business logic and interacts with Domain model components such as **Spring**
* Developed Notifications to invoke the automatic e-mails and tasks to the registered customers using **Struts** properties and stored procedures
* Used Spring framework for invoking the application service components at runtime
* Worked on **Spring Core layer**, **Spring ORM**, **Spring AOP** in developing the application components
* Do have expertise in integrating the Spring framework with **Hibernate** using Application Context configuration
* Used **Backbone js** as Model, Widgets as Controller and JQuery template as View.
* Implemented Transactions and Batch Updates using Spring framework
* Extensively worked on **Hibernate Object relational** mapping tool for persisting the data to the database
* Have worked on **Oracle 10g**data base for storing and retrieving the application data
* Implemented procedures, packages, and different Joins to retrieve the data base using **SQL**
* Implemented the application using **Agile** development methodology
* Developed **Maven Scripts** to do compilation, packaging and deployment in **Web Logic** server
* Written unit test cases for testing the application modules using **JUnit framework**

**Environment**: Java/J2ee, JSP, Servlets, Struts 1.3.10, Spring 2.5, Hibernate, JPA, HTML, DHTML, CSS, JavaScript, DOJO, AJAX, Rational Clearcase, Eclipse, Log4J, Gradle, Weblogic 10.1, Oracle 10g, JUnit, UML, Unix, Shell Scripting, SQL , JSTL, Unix, SOA, Apache Axis 2.1, JMS, Webservices, Beyond Compare, SoapUI, LISA , Backbone JS

**Starbucks International, Seattle, WA Sep 2015 - Jan 2017**

**Java Developer**

**Responsibilities:**

* Involved in designing class diagrams, sequence diagrams & use case diagrams.
* Developed GUI prototypes using Visual Basic.
* Responsible for basic HTML web page designing
* Coding for basic functionalities of the application
* Involved in documentation at different stages.
* Writing simple SQL queries for retrieval of data using SQL Server 2000.
* Learnt some black box and white box testing methods.
* Technologies Used: Java, JDBC, HTML, UML, Rational Rose, SQL Server 2000, Windows XP

**Environment:** Core Java, J2EE, JSP, DHTML, Spring, Rest, JavaScript, UML, Web Services, HTML, CSS, Eclipse, Ant, Ajax, JQuery, Sun Solaris UNIX OS and Oracle 10g.

**Innominds Software Pvt.Ltd, India Feb ‘2014 – July 2015**

**Java/J2EE Developer**

**Responsibilities:**

* Gathered/analyzed functional requirements for the new phase in design.
* Developed the user interface using JSP, Java Servlets and java Script.
* Developed various scripts for Creation and deployment of the code package using WebLogic.
* Designed and developed UI using HTML/XHTML, CSS, JSP and Struts.
* Configured Log4j for better logs tracking
* Implemented the SQL queries for database interaction.
* Developed session Beans using EJB.
* Created Class Diagrams, Sequence Diagrams using Microsoft Visio, prepared application design document.
* Developed ANT Scripts for deploying the system into JBOSS Application Server.
* Created Data Access Components using JDBC to connect to Oracle
* Used Eclipse as IDE for application development

**Environment:** Java, J2EE, JSP, Servlets, HTML, XML, Java Script, JSTL, JDBC, MySQL.