**Bala Krishna**

**Sr. Java Developer**

**Cell: (734) 666-5128**

**E mail:** [**m.balakrishna.656@gmail.com**](mailto:m.balakrishna.656@gmail.com)

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Year of Completion of Bachelors: Visvesvaraya Technological University, B.Tech Computer Science in 2009**

**Summary:**

* **8+ years** of years of experience in software design and development of various client-server based applications using **JAVA**and **J2EE** technologies.
* Solid Knowledge of **MySQL** and **Oracle** databases and writing **SQL** Queries.
* Proficient in developing the application using **JSF**, **Hibernate**, **Core Java**, **JDBC** and **Groovy** and **Grails** presentation layer components using **JSPs**, **JavaScript**, **XML** and **HTML**.
* Experience in **Back End** Development including **Web services**, Data service layers
* Extensive working experience in **free marker,** **Struts** **framework**, **spring** **framework** and **O/R** **Mapping** **Hibernate** framework.
* Designed and coded **Hibernate**, **struts** for **mapping**, configurations and **HQL** for enhancement and new module development of Transport Optimization, Planning and Scheduling Web app.
* Implemented the back-end services using SpringBoot
* Developed RESTful service endpoints using Springboot.
* Deployed Springboot based Micro Services Docker container using Amazon EC2 container services and using AWS admin console.
* Experienced in React.js for creating interactive UI's using One-way data flow, VirtualDOM, JSX, ReactNative concepts. Involved in integrating JAX-RS into SpringBoot application. Application was deployed using JBOSS.
* Used **Groovy** and **Grails** with spring, Java, J2EE for user interface.
* Strong experience in the use of various software development tools as database management (**SQL Developer**, **TOAD**), source code control (**VSS**, Rational Clear Case), and development tools (**Eclipse** and **RAD**).
* Proficient in using application servers such as **Web** **Logic** , **WebSphere**, **Jboss** and **Apache** **Tomcat**
* I have experience in Retail/E-commerce domain.
* Strong working experience in **Core** **Java** development using **OOPs**, **Multi** Threading, **Java Collections** framework, **Exception** **Handling**.
* Experienced in using **CVS**, **SVN** for version control and Check-in, Check-out of the code
* Good working Knowledge in Object Oriented Programming (**OOP**) and Object Oriented Design (**OOD**).
* Strong working experience in application development using **JDBC**, **Servlets**, **JSP**, **Java Beans**, **JMS**, **Struts**, **spring**, **Hibernate** and **Web services**.
* Experience in developing web applications using technologies like **HTML**, **Java** **Script**, **AJAX**, **DOJO**, **JSON**, **CSS**, **JSP** Tag libraries and **GWT**.
* Experience in developing web-based applications using **Python** 2.7/2.6, Django 1.4/1.3, **PHP**, **Angular** JS, C++, **XML**, **CSS**, **HTML**, **DHTML**, **Javascript** and **JQuery**.
* Worked in Service Oriented Architecture to develop language independent services using Web Services, Apache CXF **SOAP**, WSDL and Axis 2.0 **soap** stack.
* Good experience with **SOA** architecture and **Soap** & **Rest** **Web** **Services**
* Good Experience with frontend technologies like **HTML**, **XHTML**, **CSS**, **JAVASCRIPT**, **JQUERY**, **AJAX**.

**TECHNICAL SKILLS:**

**Languages/Framework**: Java 1.6/1.5/1.4, SQL, PL/SQL, Spring 2/2.5/3.0, JPA 2.2, Hibernate, J2EE Design Patterns, Web services, Log4J, JavaMail, JAXB, JMS, UML

**Server Programming**: Servlets, JSP, EJB, Java Beans, JDBC

**Databases**: Oracle 9i/10g, Mongo DB, MySQL, SQL Server

**Scripting Languages**: JavaScript, jQuery, AngularJS

**Markup Languages**: HTML, XML (SAX and DOM), CSS, JSON, XSLT

**Programming tools**: Eclipse, Toad, WSAD

**Application/Web Servers**: WebLogic, Web Sphere, JAXB, JBoss, Tomcat 5.0, APACHE Webserver,Grails

**Version Control**: CVS, SVN, Perforce, POS

**Operating Systems**: Windows, Linux, UNIX, Mac

**Protocols**: HTTP, SOAP, HTTPS, SNMP, SMTP, FTP, SFTP and TCP-IP.

**Professional experience:**

**McCann, Parsippany, NJ Dec’2016 – Till Date**

**Lead Java developer**

**Responsibilities**

* Involved in developing **front** **end** screens using **JSF**, **JSP**, **Struts** View Tags, **JSTL**, **XML**, **XSLT**, **HTML**, **CSS**, **AJAX**, **Web2**.**0**, **JAVA SE** technologies, **JavaScript**, **JQuery**.
* Used **SVN** for versioning control system.
* Extensive use of **HTML**, **JSTL**, **JSP** and **JQuery** for the presentation layer along with **Java** **script** for client side validation.
* Analyzing the **SQL** queries and optimizing the performance for increased productivity.
* Developed Backend using **Node.js** and saving data.
* Used PHP, Python, MySql, HTML, Ajax, JavaScript, Jquery.
* Implemented business logic and generated **WSDL** for those web services using **SOAP**.
* Designed the test cases for above modules in **FDA** and documented the same for testing team.
* Working on ORM tools and developing the Retail/E-commerce domain.
* Developed internal application using **Angular.js** and **Node.js** connecting to Oracle on the backend.
* Experience in performance tuning of **Cassandra** and implementation of agile-scrum methodology.
* Involved in complete infrastructure setup and configuration of **WebLogic** Application Server 10.3.2/11g on UNIX and LINUX.
* Worked on the modernization of a legacy and outsourced UI. Technologies used were **Angularjs**, **Backbonejs**, **Node.js** and **JQuery**.
* Implemented Bean classes and configured in spring configuration file for Dependency Injection, Developed Controller Classes using SpringMVC, SpringAOP, SpringBoot, SpringBatch modules, handled security using SpringSecurity.
* Working on the POS to control the hardware device management systems.
* Involved in the development of presentation layer and GUI framework using **EXTJS** and **HTML**. Client Side validations were done using JavaScript.
* Install **KAFKA** on Hadoop cluster and configure producer and consumer coding part in java to establish connection from twitter source to HDFS with popular hash tags.
* Written test scripts for the components developed using **React JS**.
* Hands on and implementation of **Jenkins** Continuous Integration, Module Testing, Software Configuration Management and Debugging.
* Experience in designing and developing UI components using Jsp, JavaScript, HTML, DHTML, HTML5, **CSS**, **Angular** **Js**, **JSTL**, **Tomahawk** **tag** libraries, Tiles, Custom **Tag** **Libraries**, AJAX, JQuery.
* Hands on experience in Automation Testing using QTP 10.0, QC 9.2, and **Selenium** Java Client driver.
* Lead the development of the initial HTML5/JavaScript/CSS3 UI for application based on **Backbone.js**, **jQuery** and **Bootstrap**.
* Implemented MVC architecture using spring and Struts frameworks combined with EJB 3.0 and **JPA 2.1** for database persistence.
* Involved in developing a Micro Service Oriented Architecture Application by using SpringBoot, Angular 4.0, Node JS with Express JS and MySQL database.
* Working as a developer in developing the business and user interface classes using **Groovy** and **Grails**.
* Used Knockout JS framework for UI-Model View binding
* Worked in XSLT mapping, **xqueries**, MFL transformations with **iBATIS**.
* Involved in Full **SDLC** life cycle experience including requirements gathering, high level design, detailed design, data design, coding, testing, and creation of functional documentation.
* Acquired knowledge on various protocols like **REST**, IPP and SNMP. Got experience with **multithreading** and WCF technologies. Experienced with **Scrum** software methodology.
* Extensively worked on developing the interface using the SpringBoot which provide reusable function that are essential in processing large volumes of records.
* Developed the application with various Spring Framework modules like Spring IOC, Spring AOP, Spring Boot, Spring Security, Spring Batch.
* Handling administration for **Agile PLM** and Maintaining the Data flow from ERP to Agile and Agile to data mart.
* Used **Google web toolkit** 2.6 and 2.6.1 to design and develop application in object-oriented fashion and for full-featured Java debugging.
* Developing the **J2EE** Application using **IBM** **RAD** **6.0,** **Oracle** Database and Spring **IOC** Framework and deploying to **IBM** **WAS** **6.0** application server
* Web **UI** development using **JSP**, **CSS, SOA** and **JavaScript**.
* Implemented **Gradle**, **Hibernate 4.0**, **HQL** and Criteria **API** have to fetch the data from **SQL** database with **STORM** and POS.
* Deployed Spring boot based Micro Services Docker container using Amazon EC2 container services and using AWS admin console.
* Used **Struts 2.0, Freemarker** and **Grails** Framework in the application, which is based on **MVC** design pattern.
* Working with Crystal reports for developing and bug fixing in the reports which has Oracle **SQL** as the database.
* Developed Server side components using **Hibernate** and **spring** framework with **JAXB**.
* Involve in the Analysis, Design, and Development and Unit testing of business requirements.
* Generated **Hibernate** **XML** files for the configured beans.

**Environment:** Java, J2EE, Tomcat 6, POS, CVS, UNIX, Junit, Eclipse TOAD, Hibernate, Struts, ExtJS.

**FMR, Triangle Park, NC May’2015 – Nov’2016**

**Lead Java developer**

**Responsibilities**

* Involved in various Software Development Life Cycle (SDLC) phases of the project which was modeled using agile development methodology.
* Implemented the application using Struts MVC Framework.
* Used Struts validation and tiles framework in the presentation layer.
* Developed user interface with **PHP** and **Python** using **Angular JS** **JSF**, JSP Tag libraries and Struts Tag Libraries to simplify the complexities of the application. Created action classes and session beans to process the requests from the user.
* Developed internal application using **Angular.js** and **Node.js** connecting to Oracle on the backend.
* Working on retail and ecommerce using to develop the application of the front end project and creating a domain based structures.
* Implemented various design patterns in the project such as Business Delegate.
* Experience in **Selenium** Web driver, HP QC and Agile methodology for testing.
* Writing Java Code for fetching the data from **Cassandra** and Handling Terabytes of data and scheduling jobs on maintenance.
* Worked with **SOA** UI testing and maintenance of Web Services.
* Implemented functional requirements on Oracle’s **Agile** Product Lifecycle Management system.
* Good Knowledge on **Linux** System Programming, IPC, **Multithreading**.
* Used **GWT** 2.5.1 for development and debug with Ajax applications in the Java language.
* Handled of all **FDA** Related matters independently for company.
* Used **KAFKA** to load the data on Hadoop File system and move the same data to MongoDB -Nosql database.
* Used **Grails** for Spring Dependency Injection for injecting dependency.
* Developed and used JSP custom tags in the web tier to dynamically generate web pages.
* Merging the latest code to release environment based on the change sets and Creation of new RPM builds using **Jenkins**, **Continuous Integration**.
* Used bootstrap-angular **widgets** like **automplete**, POS, calendar, and accordion.
* Hands-on experience on configuring **Weblogic** cluster, domain.
* Worked with Struts (MVC Paradigm) components such as Action Mapping, Action class, Action Form bean.
* Extensively used Hibernate in data access layer to access and update information in the database.
* Designed and implemented Servlets module to capture the XML as request and parse XML.
* Created a demo website running on a Node.js, using the Express framework, Jade, and **Backbone.js** with Mustache.js for front end **MVC**/ templating.
* Establish coding standards for **Java**, **JEE**, **ExtJS**, etc.
* Developed Persistence Framework consisting of components like Persistence Code Generator, Persistence Manager and Data Access Objects which hides **JPA** complexities and offers transparent access to database.
* Extensive working experience in **Struts** **framework**, **spring** **framework, Gradle** and **O/R** **Mapping** **Hibernate** framework with **iBATIS**, POS.
* Good knowledge in **JAVA SE**,**Java/J2EE** and **Groovy on Grails** MVC , **JSF** web framework and React.js for rapid application development.
* Enhanced the web services, Client and Server codes.
* Followed Agile (SCRUM) methodology, involved in sprint planning every two weeks and setup daily standup meetings.
* Used Web services - WSDL and SOAP for getting credit card information from third party.
* Used **Groovy** in Java Programming with familiar Java syntax.
* Used **xQueries** to prepare daily workloads for Team mates & co-ordinating the daily allocation of work.
* Used API for asynchronous communication by putting the messages in the message queue.
* Maintained the code repository using Clear case for keeping codebase in sync with other phases of projects running simultaneously.
* Designed various tables required for the project in Oracle database and used stored procedures and triggers in the application.
* Performed unit testing using **Freemarker** and JUnit framework and used Struts Test Cases for testing action classes. Used Ant scripts to build the application.
* Deployed application on JAXB, JBoss Application server and monitored the error logs using Log4j.
* Used CVS for version control.

**Environment:** Java, J2EE, JSP, Servlets, HTML, XML, JBoss, jQuery, Java Script, Hibernate, Oracle, SQL, Spring MVC, JMS, JPA, POS, SOA, Perforce, Eclipse, Maven, Unix, Linux, Agile Methodology.

**Cardinal Health, Dublin OH Oct’2013 – Apr’2015**

**Sr. Java developer**

**Responsibilities**

* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (**DI**) or Inversion of Control (**IOC**) using annotations
* Developed the presentation layer using **Groovy**, **JSF**, **HTML**, **XHTML**, **CSS** and client validations using **JavaScript and** using applets and **multithreading**.
* Created Custom template for Visual Studio using Apache **Cordova**.
* Used **Angular** **Js** **MVC** features for data **binding**.
* Responsible for working on Creating XSL style sheets to generate complicated output XML based on user requirements from XML data.
* Used Maven for building the application, and completed testing by deploying on application server.
* Maintained the administration tool to control user access to **Agile PLM**client services.
* Providing a responsive, AJAX-driven design using JavaScript libraries such as **jQuery**, **AngularJS**, **Backbone.js** and **Bootstrap.js** - Using Subversion (SVN) for version control.
* Invovled in monitoring **Weblogic** using manual and automation process.
* Involved in Build and Deployment tasks in **Jenkins**, **Continuous Integration**.
* Wrote unit test cases for Unit Level testing using **SOA**, JUnit, EasyMock.
* Developed front end using API, Spring MVC, JSP, and JSTL.
* Used **GWT** for some cross-browser issues for the developer and in Unit testing integration.
* Used **xQueries** to pull XML data from Database.
* Used **ExtJS** with grid control and edit modes, sortable data, lockable and draggable columns.
* Experience in Bootstrap (responsive design), **Backbone**, and **Angular JS** frameworks.
* Responsible for mapping the database model into **JPA** and **API** objects using **Hibernate** and **JSF** Annotations with **ORM**.
* Implemented **Spring** **AOP** framework for auditing tasks.
* Worked on generating the web services classes by using Service Oriented Architecture **SOA**, **WSDL**, **UDDI**, and **SOAP**.
* Created and maintained Technical documentation for launching **HADOOP** Clusters and for executing **KAFKA**, **Hive** queries and **Pig** Scripts
* Used **Log4J** for logging the applications exceptions and debugging statements
* Used **UML** to design various data models including dataflow diagrams, workflow diagrams, sequence diagrams and interaction diagrams.
* Experienced in managing and reviewing **Hadoop** log files.
* Implemented **PL/SQL** queries and used **Oracle** stored procedures and built-in functions to retrieve and update data from the databases.
* Installed and configured **Hive** and also written **Hive** **UDFs**.
* Deployed the application on **JBoss** Application Server.
* Designed front end pages using **JSP**, **JQUERY**, **JSTL**, **JavaScript** and **AJAX** calls to get the required data.

**Environment:** Java, J2EE, spring, POS, Hibernate, Web Services, Oracle, IntelliJ, SVN, Maven, JMS, ActiveMQ, Weblogic, Jira, JUnits, Powermock.

**Aetna, Hartford CT Nov’2012 – Sep’2013**

**Sr. Java developer**

**Responsibilities**

* Developed various product applications using **Java**, **J2EE** and related technologies.
* Involved in various phases of Software Development Life cycle (**SDLC**) of the application like requirement gathering, Design, Analysis and code development.
* Used **GWT** in Support for Internationalization and localization and HTML Canvas as well.
* Used Eclipse **IDE** and **Tomcat** as the **web server** for deploying the application.
* Built **JBOSS** Portlets using **JAVA/J2EE**, **XML** with **JBOSS 5** as application server and **SQL Server** as database.
* Worked on Maven to build the application and used JRebel for code integrations.
* Used **ExtJS** with region panels to allow a form to divide into multiple sub-sections.
* Used JUnitframework for unit testing of application and Log4j to capture the logs.
* Worked on **Node.js** and **Socket.io** for developing a chat application.
* Developed the application using **JSF** **Spring** Framework that uses Model View Controller (MVC) architecture with JSP as the view.
* Implement the **JavaScript**/**Jquery** frameworks such as **Angular Js** for MVW/**MVC** framework, MVVM framework using Backbone for MVC.
* Worked on Hibernate and created **ORM** mappings.
* Involved in development of middle layer business methods, which incorporated the core business functionality using Singleton Beans.
* Deployed the application on the JBoss Application Server.
* Spring framework is used to implement Inversion of Control (IOC) and Aspect Oriented programming (AOP)
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of messages.
* Involved in developing the application using Java/J2EE platform. Implemented the Model View Control (MVC) structure using Struts.
* Developed web services using **HTTP**, **SOAP** and **XML** technologies.
* Performing Configuration Management using Clear Case and **CVS**.
* Wrote **PL/SQL** stored procedures and involved in performance tuning of complex queries.
* Responsible in testing the classes and methods using **JUnit** test case.

**Environment:** Java1.6, J2EE, spring 3.2, Junit, Hibernate, POS, Maven, SVN, JBOSS, ExtJS 3.0

**EMC India, Bangalore Aug’2009 – Oct’2012**

**Java developer**

**Responsibilities**

* Used Object Oriented Programming and design. (**OOP** & **OOD**).
* Wrote stored procedures, complex queries using **PL/SQL** to extract data from the database, delete data and reload data on **Oracle** DB using the Toad tool.
* Developed both front-end and back-end of the product using **Java**, **J2EE**, **Ajax**, **JQuery**, **spring, JavaScript framework** and **Hibernate**, and other technologies.
* Developed user interfaces using **JSPs**, **GWT**, **HTML**, **CSS**, **Java** **Script**, **jQuery**, **JSP** **Custom** **Tags**.
* Used Spring Core Annotations for Dependency Injection.
* Used Hibernate as Persistence framework mapping the ORM objects to table using Hibernate annotations.
* Responsible to write the different service classes and utility API which will be used across the frame work.
* Used Axis to implementing Web Services for integration of different systems.
* Developed Web services component using XML, WSDL, and SOAP with DOM parser to transfer and transform data between applications.
* Exposed various capabilities as Web Services using SOAP/WSDL.
* Used SOAP UI for testing the Web services by sending an SOAP request.
* Used AJAX framework for server communication and seamless user experience.
* Created test framework on Selenium and executed Web testing in Chrome, IE and Mozilla through Web driver.
* Developed **Hibernate** mapping files with **Oracle** database.
* Used **Eclipse** **IDE** for development and **SVN** for versioning system.
* Used **Struts** tlds (logic, bean, **html**, nested etc) with **JSP** pages.

**Environment:** Java, J2EE, JSP, spring, Hibernate, Agile, Tomcat, Web Services, MySQL, Eclipse, SVN, Maven, JUnits, Hudson, JMS.

Year of Completion of Bachelors: Visvesvaraya Technological University, B.Tech Computer Science in 2009