**Bala Chander**

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**Professional Summary:**

* Proficient around 8 years of experience in working on the various phases of Software Development Life Cycle (SDLC) like requirements analysis, design, coding, testing, debugging and maintaining the websites.
* Expertise in Analysis, Development, Testing, Documentation, Deployment, Integration, and Maintenance of web based and Client/Server applications utilizing **Java, J2EE, Spring, Hibernate, JSF, iBATIS, MyBatis, JMS, XML, EJB, JSP, Servlets, JDBC, JNDI, HTML, DHTML, MongoDB, Full Stack, AngularJS, Node.js, ReactJS, JavaScript, SQL, PL/SQL,** and **My Eclipse**.
* Worked with servers like **IBM WebSphere, WebLogic, JBoss** and **Apache's Tomcat**.
* Experience in using **WSAD, RAD, NetBeans** and **Eclipse IDE** for Application development.
* Thorough understanding and experience in Databases like **Oracle, SQL** and **DB2**.
* Exposure to IBM Message Broker, UML Rational Rose, Hibernate, Tiles Framework.
* Experience with **Spring, Spring MVC, Spring Batch, Struts, Spring Security, Spring Web Services, JSF and Hibernate**.
* Worked on **Log4j** configuration, setup and Implementation.
* Good experience on **JUnit, XSLT, SOAP, SOA** and **REST Web Services**.
* Configured the **CI/CD** pipeline for Micro Services and Angular using **Git, Jenkins, Groovy, Docker**, AWS ECS.
* Have architected and implemented Service-Oriented Architecture (SOA), batch, business intelligence, and transactional systems.
* Implemented **Micro service architecture**, with Spring Boot based services interacting through a combination of **REST** and **Apache Kafka**.
* Used **Bootstrap, AngularJS, ReactJS** and **Node.js** in effective web design.
* Experience in using build/deploy tools such as **Jenkins, Docker** and **OpenShift** for **Continuous Integration & Deployment** for **Microservices**.
* Created distributed Oracle coherence domains, configuration and system design.
* Expertise in Microservices, developing SOA (Service Oriented Architecture).
* Expertise in J2EE Web Services based on **SOAP, REST, WSDL, UDDI, JAX-WS, JAXB,** and **JAX-RPC**.
* Developed websites using **HTML 4.0/5.0, XHTML, CSS, CSS3, JavaScript, Query, Ajax** and **JSON**.
* Experienced in developing event driven applications using **AJAX, JSON, XAML** and **XML**.
* Worked with the JavaScript frameworks like **React** and **AngularJS**.
* Worked on web applications that required cross browser compatibilities like Chrome, Safari, Firefox, Internet Explorer and Opera. Involved in several web application development projects that required Responsive Web Design.
* Experience in Microservices based on Restful API's utilizing **Spring Boot** with **Spring MVC**.
* Experience with **Docker** containers, leveraging Linux Containers and AMI's to create **Docker Images/Containers**.
* Highly motivated team player with strong communication, analytical, documentation and organizational skills.
* Experience in creating **Oracle PL/SQL** blocks such as **packages, triggers, procedures, functions, and collections**.

**Technical Expertise:**

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| **Programming Language** | Core Java, SQL, PL/SQL. |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB. |
| **Java Frameworks** | Spring MVC, JSF, Struts 2.0. |
| **Application/Web Servers** | WebLogic, IBM WebSphere, JBoss, Tomcat. |
| **ORM Frameworks** | Hibernate, JSF, IBATIS, MyBatis. |
| **Web Technologies** | JSP, JavaScript, JQuery, AJAX, XML, XSLT, XHTML, DHTML, CSS,  SASS, HTML, AngularJS, Angular 5, ReactJS, backbone JS, JSON. |
| **Spring Framework** | Spring MVC, Spring IOC, Spring Batch, Spring Boot, Spring Security. |
| **Database Server** | Oracle, DB2, SQL Server, MySQL, RDBMS, MongoDB, Cassandra,  PostgreSQL. |
| **IDE** | Eclipse, NetBeans, Intellij, STS. |
| **Web Services** | REST, SOAP, JAX-WS, JAX-RPC, JAX-RS, WSDL. |
| **Version Control** | GIT, CVS, SVN. |
| **Build Tools** | ANT, Maven. |
| **Methodologies** | Agile, Scrum, Water-Fall, Rapid Application Development, Test Driven development. |
| **Operating System** | Windows, Mac, Linux, UNIX. |
| **Testing &logging** | JUnit, Jasmine, JUnit, Log4J, SoapUI, Mockito, Selenium, Jenkins, Docker. |
| **Cloud Developments** | EC2, S3, Elastic, ELB. |

**Work Experience:**

**Northwestern Mutual, Milwaukee, WI June 2018 - Present**

**Full Stack Java Developer**

**Responsibilities:**

* Responsible for writing J2EE compliant java code for application development effort which involved working with **JSP, Servlets, JDBC, XML,** and **EJB**.
* Design and Development of Objects using Object Oriented Design in **Java**.
* Used AWS (EC2/S3/EBS) for prototyping and subsequent evaluation.
* Deployed application updates to AWS and monitored the load balancing of different instances for easy tracking and debugging.
* Responsible for client side deployments on their servers or AWS cloud.
* Developed UI Layer for the application using **HTML5, CSS3, ReactJS, Node JS**.
* Designed, developed, and maintain a Web site using **JavaScript/JQuery, CSS3,** and Responsive Design.
* Integrating Automation scripts (Selenium WebDriver API) on **Continuous Integration** tool Jenkins for nightly batch run of the Script.
* Preparing the migration document for migrating application from **Struts** to **Spring**.
* Analyzed the different performance metrics of NoSQL (**MongoDB**) and SQL(**PostgreSQL**) database systems.
* Involved in setting up Maven configuration and helping **Continuous Integration (CI)** Issues.
* Built an Application and deployed microservices in the **AWS Cloud using Docker containers**.
* Developing **CI/CD** roadmap and implementing to the project to break up monolithic build script.
* Configured and implemented Spring AOP for transaction management, logging and performance tracking and Used **Maven** to build and deploy the application.
* Used Micro service architecture with Spring Boot based services interacting through a combination of **REST, RabbitMQ** and **Apache Kafka message brokers**.
* Implemented and designed AWS virtual servers by creating roles to ensure deployment of web applications.
* Created DAO classes which get connection instances with Spring **JDBC** by Configuring JDBC **connections**.
* Used **Spring batch** to run the batch process for boarding new merchants and acquirers.
* Configured beans in spring configuration file with Spring IOC, Spring AOP concepts.
* Experienced in developing SOAP-based Web Services and Web Service Clients **(JAX-WS, SOAP, WSDL and JAXB).**
* Worked on **XML** Technologies like XML Parsers, JAXB for binding data to Java objects.
* Collaborated with team members and developed a SPA based on **Angular 5** and **Java Spring Boot**.
* Designed various components from scratch using **Angular 5**.
* Developed the full stack web application with **Angular 5, Node.js, Express.js,** and **MongoDB**.
* Designed the application by implementing Struts based on MVC Architecture, simple Java Beans as a Model, and JSP UI Components as View and Action Servlet as a Controller.
* Implemented deploying of applications on Web/Application Servers like **Apache Tomcat**.
* Participated in deploying the application into **Docker** container and **Kubernetes** within a pipeline built by Jenkins.
* Created Performance Tuning, Load Balancing and optimization of **WebLogic Application Server**.
* Used JMS with Web Logic Application server.
* Experienced in developing **React** components. Used **Axios** with **ReactJs** for making **AJAX Calls**.
* Implemented application level persistence using **Hibernate** and **Spring**.
* Designed and Developed User Interactive (UI) Web pages using **HTML5, Angular 5, Bootstrap, CSS, JavaScript, JQuery, AJAX** and **NodeJS**.
* Developed user interfaces using **JSP, HTML, XHTML, XSLT** and **Java Script** to simplify the complexities of the application.
* Worked with **Docker** engine and Machine environments, to deploy the microservices for scalable applications and worked on creation of custom docker container images, tagging and pushing the images.
* Developed common services include **Rest full services, DAO layer** and **JS Support**.
* Used Version Control Management tools like **SVN, CVS,** and **GIT**.

**Environment:** Java 1.8, J2EE, JSP, JQuery, JSON, Spring 5, Spring IOC, Spring MVC, Spring boot, Spring Batch, Spring AOP, Spring web sockets, Spring boot, Jenkins, Spring ORM, Spring Web Security, Spring MVC, Micros, JAXB, MongoDB, Oracle 11g, MySQL, XML, Selenium, JAX-WS, Bootstrap, SOAP Web Services, ANT, Maven, RESTful web services, JMS, Hibernate, JUnit, AWS, Angular 5, My Eclipse, PL/SQL, Docker, Maven, GIT.

**Sprint, Overland Park, KS May 2016 to May 2018**

**Full Stack Java Developer**

**Responsibilities:**

* Designed use cases for the Application as per the business requirements. Participated in requirement gathering and framework implementation sessions through Agile, TDD methodology.
* Worked closely with the Business/Users team in translating technical requirements into application code.
* Involved in design, development and maintenance of applications that utilizes **Microservices, Docker, J2EE, Spring Framework, Spring MVC, Spring Integrations, Spring Data, AngularJS**, and **HTML5**.
* Developed web layer using **Struts framework** to manage the project in **MVC** pattern.
* Deploy the application using IBM RAD, IBM WebSphere Application Servers
* Implemented integration of Struts Action classes in Presentation Tier.
* Used Struts Tiles Framework for designing the layout of the application.
* Implemented **JMS** for notifications and testing with JUnit, Mock cases.
* Wrote JUnit Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and **Docker** registries and have knowledge on containerization orchestration using **Kubernetes**.
* Did Single Page Application development using **AngularJS**, backed by **Mongo dB** and **Node.js**.
* Analyzed Cassandra database and compare it with other open-source NoSQL databases to find which is better suited for the current requirement.
* Involved in developing client pages which are built using **HTML, CSS, JSP,** and **JavaScript/JQuery**.
* Extensively used Core Java such as **Exceptions** and **Collections**.
* Developed **SQL** Script in TOAD and executed script for test data creation, regression and integration testing.
* Used Bootstrap **CSS** for dialogs, tabs, date picker, model pop up's and advanced components to implement UI model.
* Created, edited and maintained sites by implementing responsive design & themes using front-end development framework (**Bootstrap**).
* Developed **Maven** scripts to automate the compilation, deployment and also to integrate with Jenkins layer**.**
* Worked with **Docker** engine and Machine environments, to deploy the **microservices** for scalable applications.
* **Hibernate, JPA, Java Beans, Java, J2EE** and deployments in **WebSphere** Application Server.
* Application developed using WebSphere Application Server.
* Worked in updating the information of individual plans for logged users with **React JS**.
* Created reusable components across various modules using **React JS, React DOM, Bootstrap** and **JSX.**
* Developed required tiles and tile definitions for templating using **JSTL** tag libraries and defined their configurations in the struts configuration.xml file.
* Used Microservices for scalability and reliability of the applications in addition to loosen coupling.
* Implemented AWS client API to interact with different services as Console configuration for AWSEC2.
* Worked closely with **Oracle database** in backend to interconnect with user interfaces using native complex **SQL** queries.
* Developed helper classes, delegate classes, value objects to access business tier and transfer the information from business layer to the presentation layer.
* Developed business layer using **EJB** stateless session beans and deployed on the Application server(**WebLogic**).
* Used **Hibernate** as persistence framework for DAO layer to access the Oracle11g database.
* Produced SOAP web services using Metro JAX-WS RI for building the business application layer.
* Performed **Tuning, Load Balancing** and **optimization** on WebLogic Application Server.

**Environment:** Java 1.8, JSP, JavaScript, Ajax, JQuery, ReactJS, Ant, Bootstrap, Struts, Spring, Spring MVC, JSON, Spring Batch, and Hibernate, RSA, PL/SQL, Oracle 11g, IBM WebSphere, Microservices, Spring Security, Jenkins, Hadoop, Spring boot, BackboneJS, MongoDB, Angular JS, Restful, MyBatis, WebLogic Application Server, Ant, MyEclipse, Docker, Maven, DB2, AWS, XML, LDAP, JUnit.

**Parallon Healthcare, Nashville, TN Aug 2015 to Apr 2016**

**Java/UI Developer**

**Responsibilities:**

* Actively participated in meetings with Business Analysts and Architects to identify the scope, requirements and architecture of the project.
* Developed application **UI** screens for various modules using **HTML5, CSS3, JavaScript, React JS, and Bootstrap**.
* Followed MVC model and used Spring frameworks for developing the Web layer of the application.
* Developed the presentation layer of the application using Spring **MVC, JSP, JSTL** and **AJAX.**
* Developed User Interface and web page screens for various modules using **JSF, JavaScript**, and AJAX using **RAD**.
* Performed the Performance tuning of the queries/report using **PL/SQL** and **SQL Plus**.
* Performed the Data Operations using Spring ORM wiring with Hibernate and Implemented Hibernate Template and criteria API for Querying database.
* Developed interfaces and their implementation classes to communicate with the mid-tier (services) using **JMS**.
* Extensively used JavaScript to provide dynamic User Interface and to perform client side validations.
* Worked on data integration for data visualization component. Used **React JS** for creating reusable UI components.
* Worked on setup of continuous integration tool **Jenkins, Maven** on the development server.
* Used AJAX framework for asynchronous data transfer between the browser and the server.
* Used Java Multi-Threading concept for downloading files from an URL**.**
* Used J2EE design patterns like Front Controller, MVC, Business Delegate and Session Facade.
* Wrote front end code for developing new pages using **HTML, CSS, JavaScript,** and **JQuery**.
* Involved in preparing Ant build scripts (XML based), deployments, integration and configuration management of the entire application modules.
* Used **Spring, Hibernate** module as an Object Relational mapping tool for back end operations over SQL database.
* Developed the business components using **EJB Session Beans**.
* Involved in Database design for new modules and developed the persistence layer based on Hibernate.
* Implemented the **J2EE** design patterns like Data Access Object (DAO), Session Façade and Business Delegate.
* Developed unit test cases using **JUnit** and **Log4j** for logging.

**Environment:** Java, J2EE, spring, Spring MVC, Spring Security, Maven, Hibernate, JSP, Eclipse 3.3, WebLogic, Maven, JUnit, CVS, CSS, HTML, XML, XSD, JavaScript, Oracle10g, PL/SQL.

**Prowide Solutions, Bangalore, India May 2013 to Dec 2014**

**Java Developer**

**Responsibilities:**

* Implemented Agile Methodology for project Management
* Involved in analysis, design and development of MAM and developed specs that include Use Cases, Class Diagrams, Sequence Diagrams and Activity Diagrams.
* Enhanced the application using spring framework.
* Implemented spring dependency injection.
* Developed the application with strict adherence to **J2EE** best practices and also followed Annotation driven development.
* Developed **PL/SQL** stored procedures and functions and actively involved in the design of views and triggers in the Oracle database.
* Created sequence diagrams to show the flow of pages using **Rational Rose**.
* Used **Spring JDBC** to integrate with **Oracle DB**.
* Used Spring AOP for performance monitoring of **Web services**.
* Involved in development of a generic file parsing component, which can parse any flat, fixed length or excel files.
* Used Spring Email and velocity API modules for sending e-delivery to policy holders.
* Developed build Scripts using **Maven** to build and deploy the application.
* Generated API documentation in HTML Format using Java docs.
* Enhancing the view layer of MVC architecture using JSP, JQuery.
* Developed the application using **Eclipse**.
* Deployed the applications on **Apache Tomcat Application Server**.
* Developed **JUnit** test cases for all the developed modules.
* Used **log4j** for application logging and debugging.
* Used **GIT** for version control and created automated build script.

**Environment**: Java, J2EE, JSP, Spring, JDBC, Maven, log4j, Oracle 10g, JQuery, JUnit, Apache Tomcat, Eclipse, GIT, Java docs, XML.

**CoMakeIT, Hyderabad, India May 2011 to Apr 2013**

**Jr. Java Developer**

**Responsibilities:**

* Implemented the project according to the **Software Development Life Cycle** (SDLC)
* Developed the web layer using Spring **MVC** framework.
* Implemented **JDBC** for mapping an object-oriented domain model to a traditional relational database.
* Involved in all the phases of the project including **Analyzing, Designing, Implementing, Deploying** and **Testing**.
* Created Stored Procedures to manipulate the database and to apply the business logic according to the user's specifications.
* Developed **UML** diagrams like **Use cases** and **sequence diagrams** as per requirement.
* Involved in development of Generic Classes for reusability purpose.
* Used Exception Handling for Exception Management mechanism and Application Blocks to handle the exceptions.
* Designed and developed user interfaces using **JSP, Java script, HTML** and **Struts framework**.
* Involved in Database design and developing SQL Queries, stored procedures on MySQL.
* Developed Action Forms and Action Classes in **Struts** frame work.
* Developed and maintained front end applications and web applications for ecommerce.
* Programmed session and entity **EJBs** to handle user info track and profile based transactions.
* Involved in writing **JUnit** test cases, unit and integration testing of the application.
* Developed user and technical documentation.

**Environment**: JAVA, Java Script, HTML, JDBC Drivers, Soap Web Services, Oracle9i, UNIX, Shell scripting, SQL Server, PL/SQL, Log4J, JBoss, JSP, Servlets.