**Bharadwaj Nanenuganti**

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**PROFESSIONAL SUMMARY**

* 7 + years of experience in Object Oriented, Client-Server, Web-Based, Distributed and Enterprise Applications with Core Java/J2EE technologies.
* Experience in Software Development Lifecycle (SDLC) phases such as Analysis, Design, Implementation, Testing and Deployment.
* Experience in support enhancement, maintenance and Production support activities of Java/Oracle applications.
* Built applications and scrum teams from ground up, using CICD principles. Lead automation  
  migration effort of deployment process for existing teams, utilizing cloud servers, Ansible playbooks,  
  Jenkins and uDeploy.
* Experience in software methodologies such as Waterfall and Agile Methodologies.
* Strong experience in using Core Technologies Java, J2EE, Servlets, JSP, JDBC and JavaBeans.
* Extensive knowledge and exposure in web based multi-tier and client/server in a wide variety of technologies for building the applications, including HTML/HTML5, Angular JS 1/2, React JS, Node.JS, XML, CSS 2/3, AJAX, DOJO, JavaScript, jQuery, and JSF.
* Experience in spring framework (Core, Spring batch, Spring DAO, Spring AOP, Spring ORM, Spring Boot) server-side component architecture for simplified development of distributed, transactional, secure and portable application based on Java Technology.
* Experience in Spring(MVC), Spring Batch, Java Persistence API and Hibernate (Object Relational Mapping Technology).
* Extensive experience skills in Unix/Linux shell programming.
* Experience with Atlassian tools like Bamboo, Jira, confluence.
* Strong Experience in various Java/J2EE Design Patterns such as Session Façade, Service Locator, Application Controller, Front Controller, Factory, Prototype and Singleton.
* Experience and in-depth Knowledge of understanding in the strategy and practical implementation of AWS.
* Experience using ANT, MAVEN, JENKINS, JIRA and Log4j tools.
* Experienced in Analysis, Design, Development, Integration, Deployment and Maintenance of Web services, Client Server and Web based applications using J2EE/Java, JSP, Unix/Shell Scripting, JavaScript, Servlets and XSLT.
* Strongly associated with usage of Selenium, Jenkins, Junit and Curl for Unit and System Testing.
* Good Knowledge in building and deploying applications using Git, Grunt, Ant, Maven and **Bamboo** scripts.
* Used Maven for generating system builds and **Bamboo** for continuous integration(CI).
* Experience in Jboss Drools 6.5 to apply business rules in working memory at runtime.
* Extensive experience in implementation of the version control software CVS, SVN, Git and GitHub.
* Experience in Develop Test Cases and Test Suites using JUNIT.
* Developed back-end and service layers for internal web applications using Java with spring framework.
* Hands on experience in messaging systems such as JMS and monitor trough MQ Explorer 7.5.
* Proficient in using XML Suite of Technologies like XML, XSL, DTD, XML Schema and DOM Parsers.
* Experience in Designing, Developing, and Deploying Web Services using Simple Object Access Protocol(SOAP), Representational State Transfer (REST/ Restful), WSDL and UDDI.
* Hands on exposure to multiple Application Servers and web servers like JBOSS, Apache Tomcat, IBM, WebSphere Server, Glassfish and WebLogic.
* Good Experience in developing and utilizing PL/SQL procedures, functions, packages, triggers incorporating advanced PLSQL techniques like analytical functions, Dynamic SQL, BULK techniques, Collections, regular expressions etc.
* Excellent knowledge and experience in writing SQL queries, Stored Procedures, Triggers and views using various databases such as MS SQL Server, NoSQL database systems (Mongo DB), My SQL and Oracle databases.
* Tuned auto generated SQL - created INDEX based on the requirement of the table.
* Extensive experience in working IDE tools like Eclipse, Red Hat Jboss Developer and NetBeans.
* Experience working in Multi-Tier, Multiple Browser and Cross Platform environment.
* Excellent communication skills, interpersonal skills, team coordination and versed with Software Development processes.
* Highly motivated, dependable trouble-shooter and Problem-solver.
* Well focused and can meet the expected deadlines and ability to handle multiple tasks and work independently as well as in a team.
* Extensive experience in developing professional User Interactive (UI) of Web applications with the help of HTML, XML, XHTML, JavaScript, Jira, RWD (Responsive Web Design), jQuery, CSS and also experience in making webpage cross-browser compatible.
* Experience in developing test cases and test plans besides involving in Unit testing, Integration testing, and User Acceptance testing extensively.

**TECHNICAL SKILLS**

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| --- | --- |
| Languages | Core Java / Java 1.5/1.6/1.7/1.8, SQL and PL/SQL, XML, XSL, XSLT, C, C++ |
| J2EE Technologies | JDBC 2.1/3.0, Servlets, JSP, JUnit, Java Mail API, JAXP, Apache Axis2, REST. |
| Frameworks | Struts 1.x, Spring 1.x/2.x, MVC architecture, JSF 1.x/2.x, EJB 2.x/3.x, |
| Persistence layer | Hibernate 2/3.1, Spring with JDBC, Spring with Hibernate. |
| IDEs/tools | Eclipse, My Eclipse, Net-Beans, JBoss, WSAD/RAD. |
| Design Modeling | OOA/OOD, AOP, UML, Microsoft Visio 2000, Visual paradigm, Borland Together. |
| Web Tools | AJAX, CSS, JavaScript, Flex, XML, HTML, SOAP, BPM, WSDL, Angular JS, EmberJS, Backbone JS, React JS. |
| Version Control | Git, VSS, CVS, Subversion, Clear Case. |
| Database | Oracle10g/9i, MS SQL Server 2008, DB2, Microsoft Access, and MySQL, PostgreSQL, Oracle Fusion |
| Documentation Tools | MS Office 2007/2010, Visio, MS Project, MS SharePoint |
| Web/Application Servers | IBM Web Sphere, Web Logic, Apache Tomcat. |
| Methodologies | Agile (Rally), SCRUM, TDD, Waterfall, Crystal Method. |
| Operating Systems | Windows (Major), Win 95/98/NT/2000/XP, MS-DOS 7.x and Red Hat Linux |
| Others | Maven, Junit, Bamboo |
| IDE | Eclipse, IBM RAD, STS, IntelliJ, Jcreator, NetBeans. |

**WORK EXPERIENCE**

**Client: Herc Rentals, Bonita Springs, FL Jan 2017– Till Date**

**Role: Senior Software Engineer**

**Responsibilities**

* Designed and developed the application using the Agile methodology, Rally, Wrote Technical design documents, Implementation plans and testing documents for the requirements.
* Also monitor the autosys jobs for machine learning which feeds data to the spark DB and other processes involving sending files to downstream.
* Implemented Shell scripting and java script to minimize the workflow.
* View the customer sessions in GlassBox or tealeaf and understand the real customer impact.
* Writing Complex SQL queries for data quality and control.
* Worked with Unix/shell scripting for caching data from Oracle database to MySQL database.
* Define new change management process as needed to support key business drivers.
* Developed Test Cases for automated testing using Selenium and Eclipse IDE.
* Route away the application traffic in production between different data centers to support infrastructure release, GIS patching and Disaster Recovery as needed for more than 15 applications at a time.
* Flip the production application traffic between application sides to support monthly Independent release/Integrated release.
* Proficient in testing database of applications developed with SQL Server, Oracle and MS Access using SQL and PLSQL queries
* Designed and Developed test automation Artifacts (scripts, functions, scenarios, processes) for simple to complex automated testing situations using various tools like Selenium, Cucumber, TestNG.
* Using Spring Framework written Java Coding for API Testing using Post. Performed Java Web Services testing for REST API Calls. Performed API Testing using Rest Client and SOAP UI.
* Create CRQ to move changes in production and create Incident and Problem tickets for issues in production environment using BMC Remedy and Maximo.
* Used Optimizer HINT for tuning SQL and Advanced PL/SQL.
* Used Bamboo and uDeploy automated build scripts to compile and packaging the application.
* Suppress Alerts during changes thru IMON and HP BSM.
* Used Jira Atlassian tools like Bamboo for Continuous Integration and deployment, Bit Bucket and Confluence.
* Work with appropriate teams to restore the stability of the applications in LLE lower level environment or pre-production environment during any unexpected crisis.
* Notify the expected impacts and ongoing issues to escalation teams to be aware of items that could impact the testing across other applications.
* ANT and Maven being used as build tools. Developed various ANT Scripts for bamboo build tool.
* Performed J2EEapplication deployment using Bamboo application server.
* Based on the vendor support expiration, plan and upgrade the certificates of the different components used by the application. First the upgrade will be tested in LLE and then moved to Production.
* Managed and lead a global team of developers from India following Agile -Scrum development methodology and management through grasshopper and acted as a team lead and mentor for a team of 5 and help in resolving technical challenges.
* Used spring framework features like supporting loc, Spring MVC, Spring Batch Spring, Web Services, Spring Integration.
* Experience with Linux Bash Shell Scripting, WinSCP, Putty and Stash.
* Implemented request and response objects using SOAP web services and created routes using Apache Camel.
* Involved in configuring builds using Jenkins with Git, Gradle plugins, configured and used Jenkins to deploy the applications onto Dev, QA, UAT environments.
* Reviewed existing code and recommended effective coding standards for code reuse and performance by making effective use of various designs patterns. Updated web pages using HTML5, CSS in Angular JS framework.
* Worked with team members with establishing and applying appropriate branching, labeling/naming conventions in SVN and developed Backing beans to handle UI components state and stores that state in a scope.
* Used Stash for Version control and JIRA for tracking issues
* Implemented version controlling using SVN and used Jenkins for continuous integration. Wrote build & deployment scripts using Ant, Maven on UNIX environment and worked with QA Director.
* Wrote EJB Stateless session to communicate with Controller and Service layer i.e. make the EJB calls from Backing Beans.
* Enhancing the efficiency of JBoss and Apache layer by analyzing the load, frequency and time of peak load, memory usage, frequent memory issues, storage issues etc.
* Used JDBC and Hibernate to connect to the database using Oracle. Hibernate was used to Map relational data directly to Java objects.
* Proficient in SQL and writing Stored Procedures, triggers besides writing DDL, DML and transaction queries with development tools like TOAD and Stored the data in the form of JSON structure based documents, stored in a collection using MongoDB.

**Environment:** Core java, JDK 1.8/1.7, Struts 2.0, JSP, JavaScript, jQuery, Visio, JSON, Tortoise SVN 1.7.6, RESTful Web Service, Eclipse Indigo 3.7, Ajax, Oracle 11g, Bamboo, PLSQL, Selenium, Oracle SQL Developer, Eclipse, RAD, Hibernate 3.0, Portal, Maven 3.0.4, Rest Client, Web logic Application Server 10.3.5.

**Client: Vanguard, Malvern, PA Nov 2015– Dec 2016**

**Role: Senior Engineer**

**Responsibilities**

* Interacted with the system analysts, business users for design and requirement clarifications.
* Used J2EE patterns such as Controller, Singleton, factory, MVC architecture is used in this application
* Implemented Spring Framework IOC (Inversion of Control) design pattern for relationship between application components.
* Working in AWS Identity and Access Management (IAM) components, including user, groups, roles, policies and password policies and provide the same to end user.
* Deploying the application on AWS cloud platform by configuring REDHAT server on EC2 instances.
* Creating S3 storage buckets to store the application data.
* Used Spring Framework IOC to separate the application configuration and dependency specification from the actual application code.
* Worked with DBMS\_PROFILER to tune PL/SQL Procedures.
* Used Spring ORM module along with Hibernate to deal with database operations
* Used Spring core, Spring Context, Spring MVC Framework for the application configuration of different components, services in the application.
* Used Hibernate for mapping claim data by connecting to Oracle 11g database.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA.
* Involved in programming, testing, debugging, implementing and maintaining of Java EE client/server distributed the application to meet the organization’s needs.
* Used Hibernate extensively to have Database access mechanism with HQL (Hibernate query language) queries.
* Resolved Runtime Errors and Application Bugs in the Production environment and enhancing the existing application.
* Maven and Jenkins are used as build tools.
* Backend Integration testing of microservices and API services
* Implemented log4j for logging purposes and debug the application.
* Created microservices using Spring Boot for a new public facing application
* Used testing framework Junit for testing.
* Involved in production support for maintaining the system developed and resolved the complexities and bugs
* Implemented the project using the agile methodologies.
* Leaned and migrated the old codes into Angular JS.
* Extensively used Apache Camel for transformation and used both Java DSL and XML DSL.
* Fixed bugs during the System testing, Joint System testing and User acceptance testing.
* Created responsive reusable UI components for ABC's SiteCore migration project using bootstrap 4, CSS3 and HTML5.
* Design patterns of Business Delegates, Service Locator, and DTO are used for designing the web module of the application and extensively used the struts application resources properties file for error codes, views labels and for Product Internationalization.
* Experienced in WebSphere, Weblogic, Tomcat and Jetty, caching technologies like Gemfire, Hazelcast and Spark.
* Management and design of integrated build pipelines using continuous integration workflows such as Jira, Git, Jenkins, Docker, Artifactory.
* Implemented Asynchronous communication between components with JMS API and MDB
* Worked hands-on to create automated, containerized cloud application platforms(PAAS), and design and implement DevOps processes that use those platforms and guide Automation practices for QA team
* As a part of Job, I also had a responsibility to maintain the networking form AWS cloud back to On-Prem connectivity and no direct internet access from AWS cloud VPC to the rest of the world (Internet).
* Expert in HTML5/CSS3 development and have experience in Backbone JS, Require JS, Node JS, AngularJS, Ext JS, Responsive design, knockout Javascript.
* Wrote Object-Oriented Programs in core java on Windows. Worked on topics such as access modifiers, polymorphism, abstraction, inheritance, exceptions, array lists, and collections in general.
* Architecting logging architecture for JBoss /Apache system by getting design inputs and day-day functionality of the application and then suggesting the right NAS mounts, or if they need to move into Groovy / Grails, SAN architecture, or both etc.
* Worked with JSR - 286 portlets complaints about inter portlets communication, Managed bean used to instantiate backing beans used in a JSF application and storing them in a Scope.
* Prototyped use of JSF for presentation development and Spring for middle tier development to analyze if use would ease development, extensively used JSF Core and HTML tags Groovy / Grail sand also FLEX for UI development.
* Used Spring Framework with Hibernate to map to Oracle database, wrote HBM Files for mapping Java objects to tables in the relational database and updated it as required, hibernate used as Persistence framework mapping the ORM objects to tables.
* Developed HQL, SQL queries. Used Agile/Rally methodology and participated in SCRUM meetings, build the application using TDD (Test Driven Development) approach.
* Worked on AWS Toolkit for Eclipse to develop, deploy, and debug Java applications using Amazon Web Services. Created and deployed elastic beanstalk applications in java using AWS Toolkit for Eclipse.

**Environment:** JDK 1.7/1.8, J2ee, EJB 2.0, JSF, hibernate 3.0, EmberJS, Dojo’s, web 2.0, MDB, maven 2.2.1, REST, Spring framework, struts framework, html, xml, Mongo DB, web services, Web sphere Message Broker, log4j, Db2, Mainframes, RAD as our IDE, WSD 7.0/7.5.

**Client: Bank One, Chicago, IL June 2013- Oct 2015**

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

**Responsibilities**

* Ability to support application deployments, building new systems and upgrading and patching existing ones through ATG methodologies.
* Designed and implemented a GUI framework for Swing. Involved in Creation of Adobe Flex Families in Content Server and associated the JDBC and XSD, XML pages to the assets.
* Involved in executing all Selenium test scripts on the different browsers and checked for compatibility, regression test cases were automated using Selenium Web Driver, and Web Driver Backed Selenium.
* Used validation frameworks for specifying the validations rules. Extensive work on Web services (SOAP) and Restful application.
* Developed JavaScript for Client-Side validations. Uses coding methods in JNI to initiate or enhance in-house custom developed RF optimization drive test software in support of 1Xused SDLC concepts.
* Involved in applying SDLC (Agile, Scrum, Waterfall) concepts. Designed and developed the Java bean components and O/R Mapping using Hibernate, designed roles and groups of users and resources using AWS Identity Access Management (IAM).
* Involved in writing the screen classes and Action classes for implementing the business logic of Pilot and object-oriented programming and monitored and responsible for troubleshooting the WebSphere Application Server with JVM logs, Process Logs, Service logs.
* Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC), developed Custom Tags to simplify the JSP code. Designed UI screens using JSP, CSS, XML and HTML. Used JavaScript for client-side validation.
* Expertise in creating Dev Ops strategy in a mixed environment of Linux servers, responsible for the implementation of application system with core java and Spring framework, uses Rational Rose for model-driven development and UML modeling.
* Used Spring Core Annotations for Dependency Injection and used Apache Camel to integrate Spring framework, use Apache Camel to route and transform messages and designed and implemented new customer flow using Apache Velocity template.
* Created PHP/HTML5/CSS3 Web pages to support Comcast Business Voice Xpress VOIP phone support portal using Agile practices and Rally management software
* Extensively used JSTL tags and Struts tag libraries. Used Struts tiles as well in the presentation tier, participated in coding Spring AOP components for the Transactional Model to handle many requests. Involved in writing JSP and Servlet components guide Automation practices for QA team
* Actively involved in designing and implementing the application using various design patterns such as Singleton, DAO, Front Controller, Service Locator, Business Delegate, Façade, and Data Access Object, used Java Message Service (JMS) for the reliable and asynchronous exchange of important information such as loan status report.
* Involved in the JMS Connection Pool and the implementation of publish and subscribe using Spring JMS. Used JMS Template to publish and Message Driven Bean (MDB) to subscribe from the JMS provider.
* Participated in Analysis, Design, Development, Integration and Testing of application modules and followed Agile Methodology.
* Coded the user stories assigned using Java and JEE technologies and frameworks.
* Developed the application using J2EE, Spring, Hibernate, Web Services (SOAP & REST), jQuery, Angular JS, JSTL 2, Oracle, Maven technologies.
* Involved in Sprint to develop the user stories.
* Used Hibernate and Spring Framework for data persistency.
* Developed Spring Configuration files and used annotations to auto wire Java Components using Spring.
* Coded presentation layer components comprising of JSP, Spring Controllers, spring and JSTL Tags.
* Deployed into the WebSphere server and consumed web services based on SOAP and REST protocols
* Used WSDL and SOAP protocol for Web Services implementation.
* Developed Web Services using XML messages that use SOAP.
* Implemented enterprise integration with Web Services using SOAP and REST.
* Used JMS API to access the queues, read and write the messages for processing
* Designed and developed data access layer using Data Access Object (DAO), Session, Facade, Business Delegate and Singleton design patterns.
* Configured and created application logs files using Log4J.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST APIs.
* Setup Maven configuration and helping Continuous Integration (CI) Issues.
* Generated JUnit test cases for testing various Java components.
* Built SVN and Perforce file loaders.
* Learned the QA industry processes, how to black box test, QA Methodologies, interfacing with clients, self-managing time. Learned a tiny bit of python along the way as well.

**Environment:** Core Java, J2EE, JSP 2.0, Struts 1.2, EJB 2.0, JMS, Selenium, JNDI, Oracle, DHTML XML, DOM, SAX, Rational Rose, Groovy gails, UNIX, IBM Web Sphere Application Server 5.1, Hibernate 2.0, Spring, LOG4J, CVS.

**Client: Comcast, Herdon, VA Nov 2010 - May 2013**

**Title: Java Developer**

**Responsibilities**

* Participated in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Worked with Requirement leads and Project managers to translate business Requirements into technical specifications.
* Performed User Interface Design and coding using Java, Spring framework and web technologies.
* Designed UI pages using HTML5, Angular JS, JavaScript, Bootstrap, CSS3, AJAX, JSON and Tag libraries.
* Used Spring MVC to implement MVC Design Patterns.
* Utilized Spring annotations and XML configuration for Dependency Injection.
* Implemented Spring MVC architecture and Spring Bean Factory using IOC.
* Build RESTful Web services using JAX-RS API.
* Develop database scripts, procedures using Oracle SQL.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS - Oracle.
* Used Maven for build the project.
* Resolve Micros XStore issues, restore databases, re-image and replace devices  
  Consumed RESTful web service by sending Document ID to get the complete document details.
* Validated Web Services and Restful calls by comparing the data with Database and User Stories.  
  Used Service Oriented Architecture(SOA) to create different services and implementing functionality using different queues and Oracle Bus for communicating.
* Used Mongoose API to access the MongoDB from NodeJS.
* Implement and manage continuous delivery systems and methodologies on AWS
* Developed JUnit Test Cases and Test Suites for testing the application.
* Reviewing the code and providing the Code Review Comments.
* Daily running the SCRUM Meeting with the team.
* Used SVN version control system.
* Written complicated SQL for retrieving the data more efficiently in less time, developed an application using the EJB, Spring MVC, extensively worked with SPRING framework and also struts config files.

**Environment:** JBoss, J2SE, EJB, Core Java, JSP, Servlets, Hibernate, Tomcat 5.0, Frame Work, Struts, Test Case, JUnit, J builder 5.0, ANT, Eclipse, CSS, JavaScript, Oracle Fusion /BAM, XML, XSL, Log4j, JMS, solr, Web Service.