

Bijith Balan

Senior Java/UI Developer (Full Stack) - Full Stack

Santa Clara, CA - Email me on Indeed: [indeed.com/r/Bijith-Balan/aa4cba98e2591734](https://www.indeed.com/r/Bijith-Balan/aa4cba98e2591734)

- 7+ years of professional experience in Software Development Life Cycle (SDLC) process with expertise in Requirement Analysis, Planning, Reviewing Specification, Documentation, Scheduling, Design, Development, Testing, Implementation and Maintenance of applications.
- Expertise in Design and Development of enterprise applications using Java, J2EE, JSP, Servlets, JDBC, JNDI, Java Mail, EJB, Web Services (REST and SOAP) and Java Database Connectivity technologies. Good experience in Software designing using MVC architecture. Experience with frameworks/tools such as Struts, Spring, Ant, Maven, Log4J, JSP and JSF.
- Expertise in deploying J2EE applications and Webservices on servers such as Oracle WebLogic, WebSphere, JBoss and Apache Tomcat.
- Experience in the field of Web Application Development using HTML5, CSS3, JavaScript, jQuery, Bootstrap, AJAX, XML and JSON with various MVC JavaScript frameworks such as AngularJS and Node.js with Express, Monk and Mongoose using Front End editor - Sublime Text3. Experience in working on CSS Preprocessors such as LESS and in JavaScript task runners such as GruntJS. Expertise in analyzing DOM Layout, JavaScript functions, Cascading Styles across cross-browser using Firebug and Developer Tool Bars.
- Written Unit and Integration test cases using frameworks such as JUnit and JMockit. Good Experience in data-driven and keyword-driven testing, Selenium WebDriver and creating scripts in Selenium.
- Knowledge in PL/SQL programming (Packages, Stored procedures, Triggers, Tables). Worked extensively with databases like - Oracle 10G and SQL Server.
- Strong Experience in using IDE's like Eclipse, NetBeans and TOAD. Expertise in version controls such as CVS, PVCS, and SVN - Artifactory and GIT, and deployment tools such as Kintana, AppDB, Jenkins, uDeploy and uRelease.
- Good Experience in Waterfall and Agile methodologies such as Extreme Programming, Pair Programming, and Test Driven Development, Scrum and Kanban methodologies with Rally and DevOps model.
- Superb trouble-shooting and tenacious problem solving skills. Repeated success in taking software products through the entire development life cycle. Ability to handle multiple tasks and to work independently as well as in a team, experienced in interacting with Business/Technology groups.
- Managed on-boarding, compliance and transition of cross-functional teams located in India and USA. Given implementation guidance for development team, enforcing best practices by reviewing the deliverables. Versatile team player and a quick learner with strong written, oral and inter-personal communication skills.

WORK EXPERIENCE

Senior Java/UI Developer (Full Stack)

Full Stack - San Jose, CA - decembrie 2015 până la Prezent

Project: DCP - TE (Delivery Collaboration Portal - Time Entry Management)

Description: Delivery Collaboration Portal (DCP) is a centralized portal for all the AS users to collaborate, track and deliver the services to their customers. It is also a central for customers to view the status of their projects and collaterals. Time entry for tracking the delivery services is a very important aspect on the project and to capture the time across portfolios it is expected for the user to get into multiple tools.

Responsibilities:

- Responsible for interacting with Business to understand the requirements and analyzing the existing and to-be processes. Leading technical onsite and offshore project teams, allocating tasks, monitoring status and ensuring quality and timely delivery of the deliverables.

- Working as a senior developer and track lead in this project. Developed User Interface pages using HTML5, CSS3, JavaScript, jQuery, Bootstrap.js and AngularJS in Sublime Text. Implemented MVC architecture in UI using AngularJS 1.0.
- Developed AngularJS controllers, directives, services, factories, providers and utilized require.js for dependency management and route resolver for routing mechanism. Implemented AJAX calls with JSON requests and responses. Utilized AngularJS caching mechanism to improve the performance.
- Set up the local environment and the UI package manager using Node.js - NPM. Involved in two layers of Java Webservices development; one using Jersey JAX-RS framework and the other using Cisco SDF in Eclipse Luna tool. Worked in modifying the security and header parameters in Layer 7 Gateways.
- Developed Controller, Service and DAO classes using Spring MVC architecture. Used JNDI lookup to connect to data sources in Oracle WebLogic layer. Used Log4J logging framework for logging messages with various levels written throughout the Java code.
- Cisco's LDAP was used for setting up the external access to the application. Developed test cases using Junit and JMockit. Used Grunt script for UI code build and Maven for building Java ear files for application deployment. Used Jenkins, uDeploy and uRelease for code deployment.
- Deployed the application code in JBoss and Oracle WebLogic layer. Following Agile / Scrum methodologies with Kanban dashboard using Rally. Conducted code reviews using SonarQube to ensure the work delivered by the team is of high quality standards.
- Used Git for source code version control. Prioritized outstanding defects and system problems, ensuring accuracy and deadlines were met. Worked on post-production support issues raised by various users.

Environment: Java, J2EE, HTML5, CSS3, JavaScript, AngularJS, jQuery, Bootstrap, Jersey, Spring, Webservices, AJAX, JSON, JBoss and WebLogic server.

Senior Java/UI Developer

CISCO Systems - San Jose, CA - iulie 2014 până la noiembrie 2015

Project: DCP - RM (Delivery Collaboration Portal - Resource Management)

Description: DCP portal is a centralized portal for all the AS users to collaborate, track and deliver the services to their customers. It is also a central for customers to view the status of their projects and collaterals. Resource Management module assists Project Managers to plan and create projects, and assign resources to the projects based on resource bandwidth.

Responsibilities:

- Worked extensively with the business team to understand the requirements and user stories. Led development team at onsite and offshore successfully to meet the technical milestones as per development plan ensuring quality and schedules.
- Coordinated with different teams in other locations to successfully get the application to function with the required functionalities. Involved in solution review with client side technical architect. Developed User Interface pages using HTML, CSS, JavaScript and jQuery. Implemented AJAX calls with JSON requests and responses.
- Developed RESTful Webservices using Cisco SDF framework in Eclipse Luna tool. Developed modules using J2EE, Java Beans, JNDI and Spring MVC Framework. Developed Controller, Service and DAO classes using Spring MVC architecture.
- Used Singleton and Factory design patterns. Used Log4J logging framework for logging messages with various levels written throughout the Java code. Implemented message level security for web services using Base64 Encryption certificates to sign and encrypt the requests and responses.
- Wrote test cases using JUnit and JMockit. Used Maven for building ear files for application deployment. Used Jenkins, uDeploy and uRelease for application build and deployment. Deployed the webservices code in WebSphere and Oracle WebLogic environments.

- Utilized agile process to streamline development process with iterative development by using Rally. Used SVN for source code version control. Conducted code reviews using SonarQube to ensure the work delivered by the team is of high quality standards.
- Prioritized outstanding defects and system problems, ensuring accuracy and deadlines were met. Supported UAT and Production environment issues with major success rate. Worked on post-production support issues raised by various users.

Environment: Java, J2EE, Spring, JavaScript, jQuery, Dojo, Webservices, AJAX, JSON, WebLogic and WAS 7 servers.

Senior Developer / Technology Analyst

CISCO Systems - IN - decembrie 2013 până la iunie 2014

Project: Services Standard Cost

Description: Global Standard Cost Inaccuracies resulted in incorrect Global Service Supply Chain Forecast and Demand and Service Inventory valuations. This project involved the design of a new interface to resolve all the Cost inaccuracies.

Responsibilities:

- Worked as a track lead and architect to design the modules in the application. Worked extensively with the business team to understand the requirements and create functional specification document with class diagram and sequence diagram.
- Prepared flow chart diagrams for existing and new workflows using Microsoft Visio. Created an interface API and a concurrent job to resolve the Cost inaccuracies. Developed procedures, packages, functions and triggers using PL/SQL. Extensively used Toad 9.5 for development.
- Validated the performance of Queries using Explain plan in Toad. Used Hints to improve the performance of the Queries. Debugged and modified stored procedures to access data in PL/SQL and modified existing stored procedures for optimization and to implement enhanced features.
- Developed modules in application using J2EE, Java Beans, JNDI and Spring MVC Framework.
- Implemented MVC design pattern using Spring, Service Locator pattern for JNDI lookups of various queues, factories and connection pools, and Singleton design patterns for object creation and maintaining single instances of objects in JVM.
- Used Kintana for code deployment. Used CVS and PVCS for source code version control. Performed Code reviews to improve the quality of the deliverables. Responsible for fixing bugs during QA testing and UAT. Used Quality Center tool for defect tracking.
- Involved in preparing technical specification document with pseudo code and algorithms. Provide Warranty Support after successful Release.

Environment: Oracle 10g, PL / SQL, TOAD, UNIX and Spring.

Senior Developer

CISCO Systems - septembrie 2012 până la noiembrie 2013

Project: OM LSS (Order Management) - Agile ECO (Engineering Change Order)

Description: The ECO implementation tool is used to communicate to its repair partners that an ECO has been released and it required them to take some action on the repair lines. The application allows for detailed, real-time ECO implementation tracking, reporting and management. The ECO Matrix is a mission-critical suite of tools and a central database which is used by GPS (Global Product Services) to communicate to its CR (Contract Repair Partners) partners which versions of a product are shippable and which are not. This project involved redesigning of ECO tools to support Scientific Atlanta and Tandberg data created from Oracle Agile product lifecycle management tool.

Responsibilities:

- Worked as a senior developer to analyze the changes and prepare Impact analysis document.
- Created functional and technical specification documents.
- Developed procedures, packages, functions and triggers using PL/SQL. Extensively used Toad 9.5 for development.
- Validated the performance of Queries using Explain plan in Toad.
- Debugged and modified stored procedures to access data in PL/SQL and modified existing stored procedures for optimization and to implement enhanced features.
- Involved in creating reusable components, Java Beans and DAO for getting data from database tables.
- Developed View Components in JSP and Controller class using Spring MVC.
- Involved in creating reusable components, Java Beans and DAO for getting data from database tables.
- Developed View Components in JSP and Controller class using Spring MVC.
- Used Kintana for code deployment.
- Used source code version control such as CVS and PVCS.
- Prepared unit test cases and captured test case results.
- QA Support - Involved in fixing bugs found during testing and involved in verification and validation of the business logic.
- Used Quality Center tool for defect tracking.
- Responsible for the error free delivery of modules assigned.
- Supported the Application deployment and end to end implementation in the production environment.
- Provide Warranty Support after successful Release.

Environment: Java, JSP, Spring MVC, Java Beans, PL / SQL, TOAD, Oracle Database and UNIX.

Java Developer

CISCO Systems - IN - octombrie 2009 până la august 2012

Project: GDCP - Global Data Center Migration Project

Description: This project involved migration of 47 applications hosted in San Jose Data Center to Richardson Data Center. Worked in 11 applications which included Java, Perl, Linux scripts and 2 Webservice applications.

Responsibilities:

- Gathering, refining and documentation of business requirements. Performed impact analysis and prepared solution presentation for review. Responsible for full life cycle development of the modules (both front end and back end) assigned. Created functional and technical specification documents.
- Involved in High and Low level designs. Java web applications: Involved in development and testing of applications using Struts 1.2 MVC architecture in Eclipse. Implemented application logging and exception handling features. Created user interface using Servlets, JSP and JSTL tags.
- Java webservices: Involved in development and enhancements of SOAP Webservices with XML requests and responses. Modified WSDL files and also worked in modifying the attributes of WSG Gateways. Tested webservices using Parasoft tool.
- Perl applications: Developed business rules and made enhancements to existing business logic in Perl scripts. Prepared unit test cases and captured test case results. QA Support - Involved in fixing bugs found during testing and involved in verification and validation of the business logic.
- Used Quality Center tool for defect tracking. Used CVS and PVCS for source code version control. Used Ant to build Java code and application deployment was done using Kintana. Provide Warranty Support after successful Release.

Environment: Java, J2EE, Struts, Servlets, JSP, Webservices, AJAX, XML, Apache Tomcat, PL / SQL, Oracle, TOAD, UNIX and Perl.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering

Calicut University - Calicut, Kerala
2009

SKILLS

DEPLOYMENT (7 years), JAVA (7 years), ORACLE (7 years), VERSION CONTROL (7 years), J2EE (6 years)

ADDITIONAL INFORMATION

Technical Skills:

Programming Languages: Java, JavaScript, PL/SQL, UNIX and Perl

Java Technologies/Frameworks: Java, J2EE, JSP, Servlets, JDBC, JNDI, Java Mail, EJB, Web Services (REST and SOAP), Struts and Spring Framework

Web Technologies: HTML5, CSS3, JavaScript, AJAX, jQuery, XML and JSON

JavaScript Libraries: jQuery, Bootstrap.js, AngularJS and Node.js with Express, Monk and Mongoose

Preprocessor/Task Runner: LESS and GruntJS

Automation Testing: Selenium, JUnit and JMockit

IDE's and Tools: Eclipse IDE, NetBeans, Toad, Firebug, Developer Tools, Sublime Text and Notepad++

Application Servers: WebLogic, Apache Tomcat, JBoss and WebSphere

Databases: Oracle 9i, 10g and 11g, SQL Server and MySQL

Version Control: CVS, PVCS, SVN - Artifactory and Git

Deployment Tools: Kintana, AppDB, Jenkins, UDeploy and URelease

Operating Systems: Windows XP/Vista/7/8/10 and Mac OS