Email : krishnaprasadnalipireddy@gmail.com

**KrishnaPrasad Nalipireddy**

**Summary:**

* Around twenty eight months of experience in Analysis, Design, Development, Maintenance and Implementation of Enterprise, Web and Client server applications using JAVA/JEE technologies.
* Experience in developing server side code with good knowledge of Enterprise and Persistence design patterns like Singleton, Factory, Prototype, DAO, ORM, MVC, IOC and AOP.
* Experience in developing application components using frameworks like Spring, Hibernate, Struts.
* Experience in developing applications using waterfall, Scrum, Test First, Test Driven methodologies and good understanding of Service Orientation Architecture.
* Experience in configuring Application Server Domains, defining Application Resources (JMS, JDBC), designing and defining Database entities and their relationships.
* Experience in deploying, configuring and administering application servers such as Web logic , JBoss servers.
* Experience in developing inter-operable Web Services and its related technologies like SOAP, WSDL, UDDI, XML related technologies/tools such as JAXB, XSD, XML with good understanding of JAX-WS, JAX-RS, JAX-RPC inter-operable issues.
* Strong skills in RDBMS implementation and development using Oracle, IBM DB2 Database Servers and hands on experience with SQL, Postgresql.
* Experience in using various configuration management tools like Rational Clear Case, SVN and CVS.
* Experience in developing unit testing frameworks using JUnit, DBUnit, Mock Object and Cactus based on test first or test driven methodology.
* Possess strong communication and Interpersonal skills.

**Technical Skills:**

Languages : Java, C, C++, SQL

JAVA/JEE/J2EE Technologies : Servlets , JSP, JDBC, JSTL, EJB, JAXB, JAXP,

JMS, JAX-RPC, JAX- WS

Web Technologies : HTML, CSS, JavaScript, Angular JS, ExtJS

XML Technologies : SAX, DOM, DTD, XSD, XML

Distributed Technologies : RMI, EJB, Web Services

Databases : Oracle, SQL Server, MY SQL

Application Server : Web Logic, JBoss

Versioning Software : SVN, Clear Case, CVS

Framework : Struts, Spring, Hibernate

Tools : ANT, JUnit, Maven

IDEs : Eclipse, STS, NetBeans

**Educational Details:**

* Master's Degree in Computer Science from Texas A & M University, Kingsville [2014-2015]

**Certification Details:**

* Oracle Certified Java Programmer (OCJP) [2014]

**Professional Experience:**

Tata Consultancy Services Ltd Aug 2011 - Dec 2013

Project Experiences

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| **Project Name** | **:** Build Suite - Application Lifecycle Manager (ALM) |
| **Client** | **:** TCS Internal – TCS Tools Group(TTG) |
| **Role** | **:** Product Developer |
| **Duration** | **:** 07/2012 to 12/2013 |

**Product Description:**

TCS Master Craft Build Suite-Application Lifecycle Manager (ALM) is a collaborative QA platform that enables the development of high quality software with short time-to-market. It provides a structured approach to managing Requirements, Test and Defect Management processes with a focus on collaboration, traceability across people and processes.

**Roles & Responsibilities:**

* Designed and developed web based UI using JSP, Ext-JS, Struts and developed action classes to handle the user request.
* Developed the User Interface validation frame work in combination of custom validation build on top of Struts validation frame work from the form bean.
* Developed Persistence layer using JDBC, Hibernate, DAO design pattern to handle the Database interaction.
* Managed Service dependencies using Spring Dependency Injection.
* Used several design patterns like business delegate, DAO and front controller in the development process.
* Developed Unit test cases to test the business services using JUnit3/4.
* Developed Monitoring, logging and exception handling frame works. Configured several log4j adapters and published logging component as Aspect using Spring AOP.
* Also involved in writing APIs (Application Programming Interface) for some features.

**Environment:** JDK, Servlets, JSP, Ext-JS, JSTL, Struts, Spring, Hibernate, EJB, Web Services, Java Script, XML, Eclipse, SVN, Oracle Web Logic, and JUnit.

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| **Project Name** | **:** TCS Master Craft Scrum Manager |
| **Client** | **:** TCS Internal – TCS Tools Group(TTG) |
| **Role** | **:** Product Developer |
| **Duration** | **:** 11/2011 to 07/2012 |

**Product Description:**

TCS Master Craft Scrum Manager is an integrated product for agile application lifecycle management with a focus on end-to-end traceability and collaboration across agile software development and release management processes.

**Roles & Responsibilities:**

* Designed and developed application in Three-tier architecture, User interface is developed in struts with MVC Model2 framework, Persistence layer is developed in hibernate with combinations of Spring IOC which provides loose coupling between User Interface Service layer and persistence layer.
* Idea of designing Use-Case Diagrams, Class Diagrams and Sequence Diagrams using IBM-RSA.
* Developed and enhanced existing persistence framework in combination of hibernate and DAO design pattern.
* Used SVN as a version controlling for the source code commits and updates.
* Implemented Test First unit testing framework driven using JUnit, and published assertion framework build on top of JUnit Assertions.
* Configured development environment using JBoss application for developers Integration testing.

**Environment:** Ext-JS, Struts, Hibernate, Spring, EJB, Web Services, JSP, SVN, JUnit, IBM-RSA ,Oracle 10g, JBoss.