**Krishnakanth Samudrala**

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**Professional Summary:**

* Full stack developer with 8+ years of experience in designing, development, and maintenance of commercial Enterprise Applications for Multi-tiered- distributed software products and distributed applications using Java/J2EE technologies.
* Extensive experience in design, development and implementation of Model-View-Controller frame works using Struts, Spring MVC and Hibernate.
* Experience in Continuous Integration and Delivery Rollouts throughout SDLC environment
* including production rollouts and post support and transitions to support team.
* Extensive knowledge in working with J2EE technologies such as Servlets, JSP, JDBC,
* EJB, JNDI, JSF, Java Beans, JMS, and Object Oriented Programming techniques.
* Extensive experience with both core and advanced Java technologies which includes Java, XML, JavaScript, JEE, JSP, EJB 1.1/2.0/3.0, JDBC, Struts, Struts2, Servlets, JMS, JSF, JSF My Faces, Rich Faces, Prime Faces, Ice Faces, JPA, Java API for XML Web Services, Spring and Hibernate.
* Experience in tools like Eclipse, Tomcat, Web Sphere, Maven, and ANT.
* Proficiency in developing secure and distributed web applications using Java, J2EE, JSP, servlets, JavaBeans, JDBC, XML HTML, HTML5, CSS/3, AJAX, Java Script, jQuery, AngularJs, Bootstrap, AJAX, Web services, Spring, Struts, Hibernate, Design patterns, PL/SQL T-SQL.
* Experienced with AngularJS directives ng-app, ng-model for initialization of AngularJS application data.
* Implemented Micro Services based Cloud Architecture on AWS Platform and Cloud Foundry
* Proven expertise in implementing IOC and Dependency Injection features in various aspects of Spring Framework (Core, Web, Data, MVC, AOP).
* Hands on Experience in JDBC and HIBERNATE for persisting data to different relational databases and extensive knowledge in Java Persistence API.
* Implemented SOA architecture with web services using SOAP, WSDL, UDDI and XML.
* Experience in the design and development of SOAP and Restful web services.
* Experience in integrating with the existing web services.
* Good understanding of Database objects like Functions, stored procedures, and triggers on multiple database systems.
* Use GIT, Rational Team Concert and Jenkins to manage work progress and collaboration among team members.
* Good experience designing databases, ORACLE 8i/9i/10g, MySQL and SQL Server.
* Worked proficiently in various IDEs including Net Beans and Eclipse.
* Used design patterns like Singleton, Data Access Objects, Factory and MVC patterns.
* Development and support of Restful Web services that support JSON using Spring Web services (JAX-RS), JSON&Spring MVC Module.

**Technical Skills:**

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| **Operating Systems** | Linux and Windows 7/vista/XP/2000 |
| **Programming Languages** | Java, J2EE, UML, XML, PHP, PL/SQL, JavaScript. My SQL, .NET,NodeJS |
| **Web Technologies** | Servlets, JSP, JSON, JDBC, JMS, JMS, JSF, EJB, Web Services, XML, HTML5, CSS3, SOA, AJAX, CXF, Angular JS, PrimeFaces / RichFaces, jQuery. |
| **Design Patterns** | Core J2EE patterns - MVC, Value Object, Session Facade, Service Locator, Data Access Object, Singleton, and Business Delegate |
| **Methodologies** | SDLC, OOAD, Agile, Scrum, TDD |
| **Servers** | IBM Web Sphere, Web Logic, JBoss 7, Apache Tomcat 5/6/7. |
| **Frameworks** | Struts, Spring, JPA, Angular JS, Hibernate, Apache CXF, JSF |
| **Version Controls** | SVN, CVS, GIT |
| **Databases** | Oracle 8i/9i/10g/11g, Sybase, IBM DB2 7.0, NoSQL, MySQL, Mongo |
| **Development Tools** | Eclipse, STS, |
| **Build Tools** | Ant, Maven |
| **Logging and Testing Tools** | Log4J, Junit |
| **Web Services** | Restful Web Services, soap |

**Education:** Bachelor’s from JNTU in 2007.

**PROFESSIONAL EXPERIENCE:**

**Client: CSX Mar2016– Till Present**

**Implementing Partner: Infosys**

**Jacksonville, FL**

**Full Stack Java Developer**

**Description**:

The FMLA workforce Availability Tool is a process to identify FMLA events to be considered. The batch process will identify employees that meet the criteria for the weekend pattern and calculate employee’s threshold percentage for the identified employees. The development of FMLA Manager Dashboard will display the employee data, download employee data to Excel and Compose Email notification to Filed Manager. Employee Detail Screen and FACTS integration are further steps to the employees.

**Responsibilities:**

* Designed User Interface using Java Server Faces **(JSF), Prime faces, Rich faces, HTML 5, CSS3** and **AngularJS** and **XML** in a responsive grid layout.
* Design and developed business layer Using Spring and JSF and EJB’s are used for the creating of Beans.
* Strong experience in **Persistence Layer implementation**and front end support controllers design using**JSF components**to make rapid application development.
* Used JSF framework in developing user interfaces using Prime faces, Rich faces Validator, Events, and Listeners.
* Experience in building and deployment of several Oracle SOA applications.
* Involved in Understanding and Analyzing business requirements and converting them into technical specifications.
* Implemented **Restfu**l web service using **Jersey** implementation to get list of available courses.
* Experienced in calling stored procedures from **Hibernate** using callable statements and named queries
* Deployed multi module applications with built tool like **Maven** and integrated with Continuous integration servers like **Jenkins.**
* Expertise in writing **Spring Rest** and **Jersey** web services
* Hands on experience with implementing business components as spring beans using collections framework, generics, exception handling, annotations, and best design practices.
* Expertise in **migration** and **up gradation** of WebLogic Server and updating **JDK versions, applying patches** and installing **service packs** for WebLogic server.
* Responsible for writing J2EE compliant code using Java for an application development effort. This involves working with **JSP, Servlets, Spring framework, Restful web services** etc.
* Involved in writing SQL queries and stored procedures for the application in Oracle.
* Experience in Installation, Configuration of IBM WAS 8.5.

**Environments:**Java/J2EE, JDBC, JavaScript, JSP, JSF, WebSphere, TOAD, PL/SQL, JUNIT4, SCRUM, MAVEN 2.0, Restful Web services, Eclipse, WebLogic 12C, Prime Faces, Rich Faces, JSF 2.0, AngularJS, GitHub, Source Tree.

**Aetna Insurance Jan2015– Feb 2016**

**Blue Bell, PA**

**Full Stack Java Developer**

**Description**:

The Claims, Origination, & Guarantee System (COGS), provides the user interfaces and back-end processing necessary to provide claim/medical services estimates with in network and out of network providers. It leverages existing mainframe applications exposed as web services in SOA. Automation of many processes allows task to be completed more efficiently, in some cases with no manual intervention.

**Responsibilities**:

* Designed and developed controller/ business layer using **Spring Core, MVC, AOP and Spring web services** and**JAX-RS** restful services**.**
* Providing services for SOA like building a portfolio of services, WSDL, Top-Down, Bottom-Up Approach and defining XML Schemas.
* Interacting with client BA for resolving requirement gaps and resolving functional and database related queries.
* Well experienced in **MVC architecture** and Struts framework.
* Preparing the **Proof of Concept** and the Presentations to demonstrate the solution to the business users.
* Created responsive web pages using JSF and Prime faces and development of both REST and SOAP services.
* Consumed REST based Micro services with Rest template based on RESTful APIs.
* Application was developed following Micro-Services Architecture where each component communicates through RESTFUL services.
* Built Micro services using Spring Boot.
* Implementation of Jersey Restful web services which produces JSON
* Configured WebSphere Recourses like JDBC Providers, JMS providers.
* Designed and developed UI screens with XSLT and JSF (MVC) to provide interactive screens to display data.
* Experienced in calling stored procedures from **Hibernate** using callable statements and named queries
* Followed Agile SCRUM methodology and used Test Driven Development (TDD).
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services.
* Wrote SQL queries, stored procedures, and enhanced performance by running explain plans.
* Creating custom, general use modules and components which extend the elements and modules of core AngularJS.
* I worked with Spring and Pivotal cloud foundry to develop websites.
* Acted as key member in offshore to interact onsite as well as customers and arranging scrum calls
* Authored deployment plans which involve staging of build packages, properties files etc. at different staging environments like sandbox, dev, QA deployments.

**Environments:**Java/J2EE, JDBC, AJAX, JavaScript, JSP, JSF, Prime Faces, Tomcat 7.0, SQL, JUNIT4, SCRUM, SQL Developer, MAVEN 2.0, Log4j,Restful Web services, Eclipse, AngularJS, Spring, Confluence.

**Wells Fargo, CA Aug2013 -Dec 2014**

**Role: Java Developer**

**Description:**

WCEM team ensures our customers have a positive experience when we make changes to the products and services they use. Conducting in-depth exploratory analyses/research to provide actionable insights to Treasury Management team and business partners.

**Responsibilities:**

* Implementing the new features and enhancements for greater usability and performance.
* Involved in the analysis, design, and development and testing phases of Software Development Lifecycle
* Designed Use Case Diagrams, Class Diagrams and Sequence Diagrams and Object Diagrams, using Microsoft Visio to model the detail design of the application.
* Developed presentation layer using HTML5, GWT 2.5.1, CSS 3, JSP and Java script, AngularJS for validation.
* Experience in developing Micro Services web application using test driven methodologies (TDD) and Junit as a testing framework.
* Worked on Web Services using java API for XML Services (JAX-WS) and build, deploying Restful Web APIs Services and micro services.
* Implemented business logic and Data access layers using Spring frameworks.
* Developed Micro-services using Spring MVC.
* Designed and developed Service layer using **Struts framework**.
* Implemented the Project structure based on **Spring MVC** pattern using **spring boot**.
* Used JSF framework in developing user interfaces using JSF UI Components, Validator, Events, and Listeners.
* Work on both Waterfall and Agile Methodologies.
* Used SOAP, WSDL and implementation of code templates generate WSDL file, and serialization files.
* Designed the applications using MVC, Session Facade, Service Locator, and Business Delegate patterns.
* Developed SOAP Web Services on the client side to fetch the information from their database.
* Implemented Restful Web Services for retrieving and presenting the data. Serializing the POJO information to XML/JSON formats using JAXB for easy representation.
* Coordinating with the business users by setting up the meeting to grab the inputs from the users.
* Written helper classes using the Java Collection Framework.
* Written JUnit Test Cases for the classes developed.
* Used **Tortoise**, **SVN** as a version control tool and **JIRA** a work automation tool.

**Environment:** Windows, Eclipse 4.3, Oracle 11g, WebLogic 11g, JavaScript, GWT, AJAX, HTML, XML, JSON, JSP, Servlets 2.4, Spring 3.2.0,AngularJS,REST API, SOAP Web services, SoapUI, Junit.

**Client: Johnson & Johnson, Raritan, NJ Sept 2012 – July 2013**

**Role: Java/J2EE Developer**

**Description:**

Johnson & Johnson is a pharmaceutical and consumer packaged goods manufacturer. For this a website is developed for commercial services and related information from Johnson & Johnson Health Care Systems Inc. on behalf of participating Johnson & Johnson companies, including Product Catalog, Order Management, Account Payable and Electronic Contracting.

**Responsibilities:**

* Involved in different phases of project setup, detail design development and analyze, application components and prototypes, development, and system testing.
* Design and Development of Maintenance application involving **Spring MVC**, **Web Services**, **JSP**, **Java Script**.
* Implemented **SOA** architecture using **SOAP** web services by using **Apache CXF** and **JAX-WS**.
* Used XML Web Services using SOAP to transfer the amount to transfer application that is remote and global to different financial institutions
* Implemented **Restful** Web services using JAX**-RS (Jersey API)** and **JSON**
* Developed EJB based JAX-WS Web Services and Jersey REST based Web services associated with business modules integration.
* Implemented the front end using **JSP, XHTML, DHTML, XML, CSS, Bootstrap,JavaScript** and used **AJAX** for dynamic web content.
* Managed and maintained **Oracle** and **NoSQL(MongoDB)** databases in production domain.
* Updated billing pages using **HTML, CSS, JavaScript** in **AngularJS** framework.
* Consumed REST based Micro services with Rest template based on RESTful APIs.
* Developed presentation layer using **struts** **tag libraries like logic, html, bean**, etc in **JSP** pages.
* Micro Services were being used as a strategy to gradually replace a core monolithic application while still adding business features.
* Worked on project using Agile SCRUM methodology. And involved in daily stand up meetings.
* Provided development support for creating a website using Java, Hibernate and Spring framework utilizing Agile methodology and SQL Server.
* Used **Web services - WSDL and SOAP** for getting history card information from third party.
* Did unit testing for newly developed components using **JUnit**
* Involvement in **Automation Environment** setup using **Eclipse, java, selenium**web driver java language bindings and **TestNG jars**.

**Environment:**

JAVA 8,Spring 4.0, Hibernate, Struts, SOAP, REST, Web Services, JavaScript, CSS3, AJAX, Html5, JSP, PL/SQL, IBM WebSphere 7.0, UNIX, UML, Junit, Maven, JBPM, Selenium, JMS, Apache Tomcat, Linux.

**Wireless Facilities Inc. Telecom CA Aug 2011 – Aug 2012**

**Sr. Java/J2EE developer**

**Description**:

The purpose of the project Bundle Notification was to notify the CASI Database (Customer Account Subscription Inventory) of the incoming orders and add/update the database for the account information when new orders have been added or for any updates in the product information. The modifications to the CASI are done using the RW Agents and RO Agents. JMS and MQ’s were used in the intermediate stage in sending the bundle orders from the Client to the Application and then to the Database.

**Responsibilities**:

* Construct Interfaces for Public classes and detailed private classes using J2EE.
* in build (using ANT), deploy and test the services.
* Resolve the Defect Change Requests (DCR) and raising Modification Requests (MR).
* Implemented and maintained a continuous integration system using Ant, Clear Case, Cruise Control and Groovy.
* Strong front end UI developing skills using Angular JS scripting language.
* Involved in developing Restful web services and SOAP using JAX-RS, JAX-WS, WSDL, XSD.
* Consumed Web Service using WSDL and SOAP.
* Good insight into component based, middleware based, micro services based architecture of JEE applications.
* Devised and implemented access logging software for Micro services running on the Spring Boot framework in Java.
* Used Spring-boot for dependency injection as well as running the micro services through embedded Tomcat server.
* Hands on programming skills on **collections, Multi-Threading, Garbage collection, Exception handling**, OOPS concepts in Core Java.
* Extensively used core java skills collection framework and Exception handling.
* Used Angular JS Framework to bind HTML views and JavaScript object models.
* Handled Java Multi-threading part in back end component, one thread will be running for each user, which serves that user.
* Developed automated front-end tests using Selenium with Java.
* Expertise in editing and debugging tests using Selenium.
* Configured JMS Queues and setup the JDBC pools.
* Implemented JMS messaging interface with MQ Series.
* Developed the Database interaction classes using JDBC.
* Ship the application package to Performance, System and UAT.
* Review and Revise the validation requirements.

**Environment**: J2EE, UNIX, AIX, UNIX Shell Scripts, JMS, JDBC, Angular JS, Core Java, Multi-Threading CVS, WSAD, Servlets, ANT, UML, Eclipse, EJB, Oracle, Java, PL/SQL.

**Birla soft Ltd, Hyderabad, India Sept 2010–July 2011**

**Java Developer**

**Description**:

GE Apollo workstation is an application with modular architecture used to support credit cards issued by over 1200 clients in USA, Canada, and Mexico. One of its primary modules, CSM (Customer Service Module) provides interface for all the activities handled at the workstation call center. These include account status display, verification, account reissue (lost/stolen/damaged card replacements), dispute logging, CTI integration, companion card request, customer profile updates etc.

**Responsibilities**:

* Develop and enhance modules within Apollo Workstation's Customer Service Module
* Use Struts and JavaScript for web page development and front-end validations
* Fetch and process customer related data using Mercator (IBM WTX) as interface between Apollo workstation with Mainframes
* Created Servlets, JSPs and used JUnit framework for unit testing
* Developed EJBs, DAOs, Stored Procedures and SQL queries to support system functionality
* Application design and documentation -- UML system use cases, class, sequence diagrams developed using MS Visio.
* Use Ant scripts to automate application build and deployment processes
* Support Production/Stage application defects, track and document using Quality Center.

**Environment**: Java, J2EE, Struts, JavaScript, jUnit, UML, MS Visio, JDBC, CVS, Ant, Eclipse.

**Bharti Airtel Communications, India, June 2008 – Aug 2010**

**Role: Java/C++ Developer**

**Description:**

Online billing system (OBS) project provides enhancements to existing online billing application. OBS is a system which basically provides many online features like displaying current bill, showing balance, due dates, history information and other stuff. OBS displays bills to customer in selected formats like pdf and html formats up to last 12 months and can download. OBS also contains provision to collect payment information, online order processing and payment processing.

**Responsibilities:**

* Involved in Requirement analysis, Design, Development, Integration, and Deployment.
* Responsible for the design and development of the application framework.
* Created workflow according to Spring MVC architecture.
* Developed code, system design and test/QA plans for projects.
* Implemented the workflow using J2EE and core Java.
* Developed Code and participated in testing using cucumber
* Preparing detailed test plans, acceptance criteria and test scenarios for each project.
* Designed the system to enable Java and C/C++ interaction.

**Environment:** Core Java, J2EE 1.3, C/C++, 1.2, GWT 1.5, Servlets 2.3, Web Logic 7.0, MVC Design Pattern, Eclipse 2.1, Log4j and Junit.