**Krishna**

**Sr. Java/J2EE Developer**

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**Professional Summary:**

* **Over 8+ years** of experience in developing enterprise, distributed web applications using **J2EE, Hibernate** and **Spring** on various Application Server platforms for **Banking** and **Networking domains.**
* Experienced with the **Software Development Life Cycle** (**SDLC**) process, Iterative Development Model and **OOAD** Techniques.
* Expertise in designing **Java, J2EE** applications using**Servlets, JSP,Spring, Hibernate, Scala, Web services (SOAP, RESTful),Amazon Web Services**and **AWS Elastic Compute Cloud EC2**
* Good knowledge in creating user interfaces using**jQuery, Bootstrap, Java Script, AJAX**,**Angular Js**and **React JS**
* Experience in Message driven programming using **JMS** and **IBM Websphere MQ**
* Experienced in working **spring modules - IOC, AOP, JDBC DAO**, and **MVC & ORM.**
* Experienced in working **Spring AOP** for **Logging, Transactions** and **Messaging**.
* Developed applications in environments of **Agile** and **Waterfall** methodologies.
* Experience in using **Design patterns**/**frameworks** such **as MVC, Singleton, Session Facade, Value Object, Service Locator** and **Business Delegate.**
* Worked on **IDE’**s such as **Eclipse/My Eclipse**for developing, deploying and debugging the applications.
* Expertise in using **SOA** and **Web Services Technologies** and Tools like **Web Services, SOAP, REST, UDDI** and **SOAP UI.**
* Implemented the application using **Spring Boot** and **Spring Data Framework** and handled the security using **spring security**.
* Experience with **amazon web services (AWS)** and **amazon cloud technologies** such as **Amazon EC2 (virtual servers)** and**Amazon Cloud Watch (monitoring).**
* Deploy application updates to **AWS** and monitored the load balancing of different instances
* Expertise in working with application servers and **Web Serve**rs as **Web Logic**, **Web Sphere**, **Tomcat, JBoss**.
* Used **Grade, Maven** and **ANT** scripts for build creation and to push onto various environments.
* Strong experience in configuration and management of RDBMS systems like **MongoDB, MYSQL, Oracle 10g, DB2** and **SQL Server 2008.**
* Hands on experience with persistence layer using **SQL, Hibernate, JPA, JDBC, PL/SQL-Stored procedures, functions, triggers and Cursors etc.**
* Expert level skills in **Hibernate, JPA & JTA.**
* Developed Single page application and structured the **JavaScript** code using **AngularJS framework** including **MVC architectures, different modules, specific controllers, templates, custom directives** and **custom filters.**
* Worked on removing the **Struts tag libraries** and implemented the **spring tag libraries** in the **JSP** and **JSPF pages** and replacing the existing **HTML tags** with the **spring framework tags.**
* Excellent hands on experience with **Servlets, JDBC, EJB 3.0-Session beans, entity beans, JMS, XML, XSLT, DTD, XSD** and **DOM/SAX.**
* Hands on experience in using **Junit, Log4** for debugging and testing the applications
* Expertise in using Version control systems like **GitHub**, **TortoiseSVN** and **CVS.**
* Experience in working with **GIT** and **GIT Bash** as the version control tools**.**
* Efficient in using Web services like **SOAP** and **Restful** Web Services.
* Experience with test-driven development using a various unit testing framework such as **JUnit, Mockito and JMeter**
* Expertise in developing Use Case Diagrams, Activity Diagrams, Sequence Diagrams and Class Diagrams using **UML** modeling tools like **Rational Rose** and **Visio.**
* Strong problem solving, logical implementation, trouble-shooting, Installation and Configuration Skills.
* Effective team player and excellent communication skills with insight to determine priorities, schedule work and meet critical deadlines.
* Strong analytical, problem solving and programming skills.

**Technical Skills:**

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| **Programming Languages** | Java, J2EE,Scala and Python |
| **J2EE Technologies** | Servlets, JSP, JDBC, JNDI, JMS, ORM,Transaction API |
| **Frameworks** | Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, spring boot,JSF, JUnit, Jasper reports, SOAP UI, Groovy and struts. |
| **Web Technologies** | HTML, DHTML, DOM, JavaScript, Angular JS, AJAX, CSS, GWT. |
| **XML Technologies** | XML, DOM, SAX, XSL, XSLT, JNDI, SOAP. |
| **Application/Web Servers** | IBM Web Sphere, Web Logic, JBoss, Apache Tomcat |
| **Web Services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Axis2, CFX, AWS. |
| **Databases** | Oracle, MySQL, Mongo DB and Cassandra |
| **Design Patterns** | MVC, Front Controller, Singleton, Business Delegate and DAO patterns. |
| **IDE Tools** | IBM -WSAD, RAD, Eclipse, NetBeans. |
| **Operating Systems** | Windows, UNIX, LINUX. |
| **Tools** | Rational Rose, MS Visio, JUnit, Teamsite6.7, Interwoven Open Deploy and workflow modular, Hudson, Jenkins,JUnit, Soap UI, Putty, Rational Clear Quest, RTC, StarTeam, Apache Common Library,Ant and Maven |

**Project Work Experience:**

**Verizon Services, April 2016 – till date**

**Irving-TX,**

**Senior Java Developer**

**Description:** IVAPP (Integrated Verizon Advanced Provisioning Platform) is an FTTP provisioning platform for voice, data, video and specials. IVAPP manages assignable inventory, provisioning and activation of FTTP (Fiber to the Premise) network elements. The system integrates the provisioning in an end-to-end work flow and manages manual fallout using skill set based routing. The system provides a GUI that supports inquiries and manual assignment for the fallouts as well as reports and metrics for the FTTP network and services. IVAPP also provides the GUI front end to display end-to-end service record**.**

**Responsibilities:**

* Involved in requirements gathering, system design, analysis, implementation and setting up the development environment.
* Involved in the development of the **UI** using **HTML5, CSS3, Bootstrap** and **Angular JS.**
* Extensively involved in coding with **AngularJS** to add functionalities and effects like Accordion, Infinite Scroll bar, Slider bar, Draggle/Droppable, Resizable, Progress bar. Customized Data Tables and High charts into **Angular JS Directives.**
* Implemented a responsive web design using **Bootstrap.**
* **Espresso Framework** which is used internally for developing the services with a quick and easy view of UI.
* Developed**RESTful Web services** for transmission of data in **JSON format.**
* Worked with the key components of **AWS (Amazon Web services)** like **EC2(Elastic Compute Cloud)**and **S3 (Simple Storage Services**).
* Used **GWT** and **Amazon AWS (EC2/S3/EBS)** for prototyping and subsequent evaluation**.**
* Implemented multi-threading using **java. util. concurency** API to improve the processing of data feeds.
* Developed **MicroServices** for different level of layers in flow of network.
* Involved in implementing the Micro Services based on **Restful API** utilizing **Spring Boot** with **Spring MVC**
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring Batch** and handled the security using **Spring Security**.
* Implemented Service Oriented Architecture **(SOA**) using **JMS** (MQ series) for sending and receiving messages while creating web services.
* Extensive use of **Spring Data** in design and development of user interfaces.
* Involved in implementation of application using conventional design practices (**Web-ServiceOriented Architecture**, **MVC-Model View Controller**).
* Created and injected **Spring services, Spring controllers** and **DAOs** to achieve dependency injection and to wire objects of business classes.
* Extensively used the **Spring framework** implemented upon the **MVC design pattern**.
* Used **JMS** Queues to develop Internal Messaging System.
* Implemented procedures, packages, triggers, and different Joins to retrieve the records using **PL/SQL, SQL** scripts.
* Developed queries to perform **CRUD** operations.
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the database.
* Implemented Hibernateto interact with **Oracle 11g** database.
* Used Hibernate for mapping java classes with database and created queries with **Hibernate query language (HQL).**
* **Hibernate** an **ORM** framework was used on DAO layer to persist application data into Oracle database.
* Handled Java **Multithreading** part in back-end component, one thread will be running for each user, which serves that user.
* Used Splitter, Aggregator patterns using **Apache Camel**.
* Involved in web component design and development using the spring framework, **JSP, Servlets, and taglibs.**
* Used **REST UI, Swagger UI** for testing the web services.
* Extensively used **IDE Eclipse**, **TortoiseSVN** version tool system for developing Java based Applications.
* Used **JUnit** for extensive functional and unit testing code.
* Performed deployment of applications on **IBM WebSphere** Application Server.
* Building Jobs using **JENKINS**.
* Responsible for **Continuous Integration(CI)** and **Continuous Delivery(CD)** process implementation using **Jenkins.**
* **XSLT** to transform the **XML** files to presentation layer for the enrich design.
* Actively used the defect tracking tool **JIRA** to create and track the defects during QA phase of the project.
* Created and Maintained **Selenium** Automation Scripts for the Scrum Stories.
* **Log4J** was used to monitor the errors logs.
* Collaborated on design spec reviews together with Business Analysts.
* Worked closely with Software Developers and DevOps to debug software and system problems.
* Involved in doing **AGILE** (SCRUM) practices and planning of sprint attending daily agile (SCRUM) meetings and SPRINT retrospective meetings to produce quality deliverables within time.

**Environment**:**Java 1.8, J2EE, Spring IOC, Spring MVC, Spring RESTful Web service, Hibernate 4.2, JMS, AngularJS 1.5, Oracle 11g, CRUD, JIRA, CI, CD, Selenium, DAO, XML, MDB's, JMS, IBM WebSphere,DML,MVC,RESTful,Junit,Log4J,SVN,AWS,EC2,S3,MicroServices,Bootstrap-3, JENKINS, IBM Rational Rose**

**Comcast, July 2014 – March 2016**

**Philadelphia-PA**

**Java/J2EE & Application Developer**

**Description:** DAS is an enterprise-level platform independent system that isolates and consolidates complex customer facing and back office applications providing WebServices to interact with other internal systems like ESP, AttRoute and external Targus system. CIS IVR is a part of DAS which involves moving from legacy monolith application to MicroServices and deploying to cloud**.**

**Responsibilities:**

* Developed MicroServicesusing Spring Boot technology.
* Extensive use of Python on Regression Testing using PyDev and PyCharm.
* Involved in implementation of application using conventional design practices with Java 8 edition (Web-Service Oriented Architecture, MVC-Model View Controller).
* **Gradle** for building the applications. ELK stack for Logging.
* Developed UI with **React JS.**
* Created Stacks using Amazon Cloud Formation templates to launch AWS Infrastructure and resources. Used AWS Lambda to run the code in the AWS.
* Experience in automating the infrastructure in AWS using web services. Used AWS, which included managing application in the cloud and creating instances.
* Designed and Implemented the **MongoDB** schema.
* Hoverfly for Mocking the JSON Responses for development Purposes.
* Ping Federate Security client for authentication purposes.
* Extensively used **Spring Tool Suite**, **Eclipse, GIT** version tool system for developing Java based Applications.
* Worked on Initial **Spring** and **Maven** Configuration set for the Project Spring - Maven Framework.
* Created **Spring Boot** applications testing suite using Spring Junit plugin and Mockito framework.
* Involved in the development on **Geo Location** service using API calls.
* To work on test and end-to-end environment servers, used LINUX commands to see the application Logs.
* Building Jobs using **JENKINS**.
* Used Spring Core Annotations for Dependency Injection and used **Apache Camel** to integrate Spring framework.
* Extensively used multithreading concepts.
* Developed Use Case Diagrams, Class Diagrams and Sequence Diagrams using Rational Rose

Software.

* Deployed the projects (.war and. ear) in to production as primary On Call person from the Team.
* **JUnits, Python Units** for extensive functional and unit testing code.
* Deployed the applications on **Pivotal Cloud Foundry**.
* Develop the micro-service in spring cloud framework to support Next generation cloud framework.
* Developed modules with **JSP, Spring, EJB, XML**& deployed them on **JBoss Application Server**.
* Tested the Web services using **SOAP UI** and **Mockito framework**.
* Developed services that are reusable and interoperable, using SOAP Web services.
* **GoCD** Pipeline for running the applications developed by configuring it with GitHub. Which can check if the application is building or failing.
* Followed **Agile-Sprint** methodology in delivering the work.

**Environment:JDK 1.6, Spring Framework, SOAP, Drools, Spring WebLogic, JBOSS, GIT,JSP, EJB,HTML5,Java Script, React JS, Apache Maven, Apache Camel, MongoDB, SOAP UI, Putty.**

**UMB Bank, July 2012 – Jan 2014**

**St. Louis, MO**

**Java/J2EE Developer**

**Description:**

Worked on setting up a loan-mapping project where a mortgage broker can search for different loan types according to matching criteria. It required making queries on an internal lender database based on a borrower's preferences, and finding programs from the database matching those preferences. There were web pages to register a broker into the system, to enter borrower information and a search page to look for loan information. There was also a facility to ask for a quote for a particular type of loan that existed in the database

**Responsibilities:**

* Developed the web interfaces using **JSP**.
* Was involved in the preparation of the software requirements and Component design documents, Component Specification Document.
* Used **WS-Security** for authenticating the **SOAP** messages along with encryption and decryption.
* Applying Design Patterns and Principles in software development.
* Developed business logic codes using **Servlets** at the back end of the system.
* Involved in developing the database tables to hold lender information
* Responsible for designing the front-end using **React JS**.
* Developed Spring services, DAO's and defined routes using **Apache Camel**.
* Developed **JSP’s** and **Servlets** to provide dynamic content to the **HTML pages**.
* Developed data access components and multilingual screen generator classes.
* Developed JSPs, for client side validations.
* Responsible for the performance improvement of batch processes using **Core Java: Collections API & Multithreading**.
* Participate in software development building custom components and doing performance tuning.
* Used **groovy** and **spring boot** to collecting the data from users and packaged the data as JSON distributed to 43 applications
* Used **JSP and Servlets** for server side transactions. Login authentication is done by **JSP** by verifying with database security tables.
* Extensively used Thread API for multithreading.
* Designed and developed **Entity beans** and **Session beans**.
* Involved in writing the associations for the query in mapping xml files in Hibernate.
* Involved in the building **Maven POM files** and **Maven testing**.
* Configured and Deployed **EJB’s** Entity and **Session beans** on Web Logic Server
* Developed the interface to automatically forward quote requests to qualified lenders using **SMTP**.
* Developed test cases to test the **business logic**.

**Environment**: **J2EE,Web Logic, Servlets, Struts 1.2, Cassandra, PL/SQL, JSP, J2EE, XML, JMX, XSL,EJB,Servlets,Maven,SOAP, JDBC, HTML5, Apache Camel, React Js, UNIX, SMTP.**

**Leedo Cabinetry, Nov 2010 – May 2012**

**Stafford,Tx**

**Java Web Developer.**

**Description:**

ERIS provides a web-enabled interface for situational awareness for security and emergency management personnel. The projects that ERIS provides involves in building different dynamic web applications.

**Responsibilities:**

* Involved in requirements gathering, system design, analysis, implementation and setting up the development environment.
* Participated in designing the user interface for the application using **HTML, DHTML**, and **Java Server Pages (JSP).**
* Developed screens using **JSP, JavaScript**, and **HTML.**
* Involved in writing Client Side Scripts using **Java Scripts** and **Server Side** scripts using Java Beans and used Servlets for handling the business.
* Coded complicate Java programs based on design documents in the form of **UML** class diagrams.
* Designed and developed the UI using Java Swing components like **JScrollPane, JTable, JPopupMenu, JFrame, JButton, JCheckBox, JComboBox, JList, JRadioButton** and **JSlider** etc. Created tables, views, Types, triggers, complex join queries, stored procedures, and functions and modifications to existing database structure as required for addition of new features using SQL developer.
* Developed various UML diagrams like **use cases, class diagrams, sequence and activity diagrams** using **Rational Rose**.
* Primarily focused on the Spring components such as **Dispatcher Servlets, Controllers, Model** and **View Objects, View Resolver**.
* Used Callable objects for implementing multithreading for parallel execution of independent events.
* Configured session timeout with **Spring Boot** in server side and implemented auto logout functionality.
* Experienced in integrating different applications using **JMS, WebSphere MQ connector, Apache Camel** and **Mule ESB.**
* Developed ETL framework which flexible to handle - DB2 DB, file2DB, xml2DB, Web service to file.
* Extensively used **Quartz scheduler** to schedule the automated jobs and Created POC for running batch jobs.
* Experience in building the **war** with help the **Putty** and deployed into cloud environmentusing the cloud controller solving the cloud issue.
* Automate build process by writing **ANT** build scripts and configured and customized logs using **Log4J.**
* Followed **Agile-Sprint** methodology in delivering the work..
* Worked with teams where requirements are constantly being implemented, tested and improved.

**Environment: Java,HTML, DHTML, JavaScript, JSP, JSF, Struts, Web Services, Eclipse, SOAP, XML, Hibernate, SQL, PL/SQL, MySQL, Windows XP.**

**Cigna TTK, Nov 2009 to Oct 2010**

**Des Moines, IA**

**Java Developer.**

**Description:**DATACORE Technologies Company is a multinational energy corporation with its headquarters located in the Energy Corridor district of Hyderabad in the India. It is the world's largest independent pure-play exploration & production company and is also one of the Fortune 500 companies.

**Responsibilities:**

* Gathered user requirements and specifications.
* The application involved tracking invoices, raw materials and finished products.
* Developed the entire application on Eclipse IDE.
* Developed and programmed the required classes in Java to support the User account module.
* Used HTML, JSP and JavaScript for designing the front end user interface.
* Implemented error checking/validation on the Java Server Pages using JavaScript.
* Developed Servlets to handle the requests, perform server side validation and generate result for user.
* Used JDBC interface to connect to database.
* Used SQL to access data from Microsoft SQL Server database.
* Performed User Acceptance Test.
* Deployed and tested the web application on WebLogic application server.
* Used JUnit testing tool to test the code.
* Developed and flexible, scalable, utilizing open source technologies like Hibernate ORM and Spring Framework.
* Actively participated in the complete life cycle of development, from the design phase to implementation Phase.

**Environment: JDK 1.4, Servlet 2.3, JSP 1.2, JavaScript, HTML, JDBC 2.1, SQL, Microsoft SQL Server, UNIX and BEA WebLogic Application Server.**

**HSBC Global Technology, Jun 2008-Oct 2009**

**Hyderabad, India**

**Java/J2EE Developer.**

**Description:** The company was looking for new business avenues, wanted to increase the customer based attractive more investments. It has different customers provided with different types of loans. In order to provide better service for their existing customers and to come up with different plans for their existing customers, this whole system of banking is divided in to modules based category (deposits, Loans, Customer account management, and security).

**Responsibilities:**

* Involved in requirements gathering, implementation and setting up the development environment.
* Designed components for company's object framework using best practices and J2EE design patterns such as **Model-View-Controller (MVC),** Data Access Object, Value Object, and Business Delegate.
* Actively participated in the complete life cycle of development, from the design phase to implementation Phase.
* Creating use cases, class diagrams, activity diagrams and collaboration diagrams.
* Responsible for environment setup in LINUX environment. (DEV, QA).
* Played a key role in the development of server-side functionality of handling the requests and responses using Java Servlets.
* Created Data Access Object **(DAO)** which is used by the Hibernate API calls to interact with the database.
* Worked on jQuery to develop outsourced UI.
* Designed and implemented WebServices calls for service provider methods.
* Study existing system and incorporate/suggest changes. Involved in developing new functionality as per the needs of the users.

**Environment:JSP, Servlets, Struts framework, MVC, Java Beans, JDBC, Tomcat, Linux, Oracle 10g, JavaScript, jQuery, JUnit.**