**Name: Ramya|| Contact: 719-749-1718 || Email: ramyag270@gmail.com**

**PROFESSIONAL SUMMARY:**

* **Over 6years** of experience in **Design, Development, Implementation** and **Maintenance** of **Java & J2EE** web and client server-based applications.
* Actively involved in each phase of **Software Development Life cycle (SDLC):** Requirements, Specification, Design, Implementation, and Testing.
* Extensive experience in various **Java/J2EE** technologies including **Core Java, J2EE (EJB, Servlets, JSP, JDBC), spring** and Java Web Framework along with Web Services (**SOAP, REST**).
* Experience in developing the product by using agile methodology.
* Object-oriented analysis, design, and development experience.
* Expertise in developing reliable and scalable enterprise applications using **Servlets, JSPs, Web Services, JavaScript, HTML and DHTML.**
* Experienced in designing professional User Interactive (UI) web applications using with the help of **HTML, DHTML, XML and CSS.**
* Worked on front end technologies **Angular JS, HTML5** and **CSS.**
* Experience using **J2EE Design Patterns** like **DAO** Pattern, **Singleton** Pattern for reusing the most efficient and effective strategies for new development.
* Working knowledge of databases **Oracle 10g** and tools like oracle SQL Developer.
* Extensive experience in developing **PL/SQL** Packages, Stored Procedures, Functions, Exception handling and Database Triggers.
* Automated deployment of all resources related to my work as the Lead Python Developer.
* Created system services to run on Red Hat Enterprise Linux 7 servers to control execution of key portions of the Customer360 project.
* Managed Amazon Web Services for the Customer360 project including configuration and deployment of all required infrastructure, administrative tasks, and budgeting.
* Experience in developing web applications on MVC based frameworks like **Spring, Spring IOC, Spring Security, Spring Boot, Spring Cloud, and Spring MVC.**
* Experience in integrating the internal security model into new projects with **Spring Batch**, **Spring Micro Services** and **Spring Boot, Pivotal Cloud Foundry.**
* Sound knowledge of the Software Development Life Cycle and experience working in Application servers like **IBM Web Sphere.**
* Expertise in using IDEs like **Eclipse, Net Beans** and **RAD** for debugging and using java coding standards from the beginning of development.
* Good working Experience in using **ANT** and **Maven** scripts for building and deploying the application in **web/App** servers.
* In-depth knowledge of Apache Subversion (**SVN**) and **Jenkins** Continuous Integration Server – Installation, Configuration, Design and Administration, and integrating these tools with other systems.
* Experience in **Junit** Assertion to develop unit testing and debugging of application.
* Good experience in **J2EE** Testing in developing test cases with **JUnit, MOCKITO** for Unit testing, and logging using **Log4j**.
* Good Experience in **Mock Testing**.
* Experienced with RDBMS and **dynamic DB** implementation and development using **Oracle, My SQL, MSSQL and DB2.**
* Expertise in database modeling and development using **No SQL** Database such as **MongoDB** and **Cassandra**.
* Experience in using version control and configuration management tools like **GIT, SVN and CVS**.
* Experience in using the tools like **Ant and Maven** for build automation.
* Extensive experience in testing on multiple operating systems including **Linux**, **Unix**, **Sun Solaris, and Windows.**
* Domain knowledge and business expertise in **Banking, Healthcare, E-Commerce, Insurance, finance, Telecom.**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Programming Languages | Java, J2EE, PL/SQL, C, C++ |
| Web Development | HTML, CSS, JavaScript, AJAX, JSON, JQuery, Angular JS, Angular 2, 4 |
| Standards &Frameworks | Hibernate 3.x, Spring 2.5/3.1, JDBC,JSP, Servlets, DOM, RESTful, Junit, SOAP UI, Spring Boot |
| XML/Web Services | XML, XSD, WSDL, SOAP, XML Beans |
| Application/Web Servers | Tomcat6.x/5.x, Apache 2.x, Web Sphere 6.1/7.0, Apache Active MQ 2.9.0. |
| Methodologies/Design Patterns | OOAD, OOP, UML, MVC2, DAO, Factory pattern, Singleton. |
| Databases | Oracle 8i/9i/10g, Mysql, Microsoft Access 2013. |
| IDEs | Eclipse3.4/3.2/3.0/2.1.1,MyEclipse6.0/5.1.1, Netbeans7.0/7.2/8.0 |
| Build & Design Tools | Maven, Ant, Jenkins, UML, Rational Rose, |
| Operating Systems | Windows 2000/NT/XP/7, Linux Ubuntu. |
| Version Control Tools | GIT, Subversion. |
| Tools | Eclipse UML2, IBM Info Sphere MDM V11.5. |

**PROFESSIONAL EXPERIENCE:**

**Client: Verizon, Colorado Springs, CO**

**Jan’19– Present**

**Role: Java Full stack Developer**

**Responsibilities:**

**Description:** Verizon Communications Inc. is an American multinational telecommunications conglomerate and a global communications & technology is known for its 4g & 5g wireless networks, broadband & fiber optics, video & advertising platforms, internet of things.

* To use Java-based enterprise frameworks like **spring (Spring Boot, Spring Security, etc.),Hibernate, JPA**, as well as **Micro services** and **RESTful** services.
* To implement **Service Oriented Design (SOA)** using XML Grid Services (**SOAP, RESTful**).
* To implement Data warehouse solutions in Confidential Redshift.
* To execute on various projects to migrate data from on premise databases to Confidential Redshift, RDS and S3.
* To develop **SSIS/DTS** Packages to extract, transform and load (ETL) data into data warehouse/data marts from heterogeneous sources.
* To design and develop POCs in Spark using Scala to compare the performance of Spark with Hive and **SQL/Oracle**.
* To develop the application using **agile** methodology and Scrum method of project management.
* Responsible for front-end UI design using **HTML/HTML5, CSS/CSS3, JavaScript** and **jQuery**.
* To contribute with diverse team of Integration developers, Architects and DBAs in designing and deploying SOA solutions for the client.
* To develop view components using **JSP**, **JavaScript, JQuery2.0, CSS3, HTML5, Angular** JS and Custom tag libraries
* Wrote custom puppet modules for managing the full application stack (Tomcat/httpd/Mysql/Java)
* Streamlined email infrastructure
* Set up centralized logging and log aggregation/searching (rsyslog/Gray log/Elastic search)
* Worked with developers to ensure new environments both met their requirements and conformed to industry-standard best practices
* Implemented GitLab for version control of puppet modules and process documentation
* Consume core java concepts like Multithreading, Collections Framework, File I/o and concurrency.
* To develop and enhance code using server-side technologies like spring framework- Core MVC.
* To use Hibernate to map the domain elements and Criteria API, named query for querying.
* To use **Spring MVC** web application and Restful Web Service framework.
* Involve in Bug fixing of various modules that were raised by the testing teams in the application during the Integration testing phase.
* To implement **PL/SQL** procedures and views in Oracle Database using Altova Database Spy.
* To implement **Log4J** for Logging Errors, debugging and tracking using logger’s components.
* To execute deployment of applications on **IBM Web Sphere Application Server**.
* To develop applications on **UNIX** environment.
* To develop and execute software systems utilizing JavaScript and Groovy.
* To use NPM & Bower for dependency management and JIRA for bug tracking, issue tracking & project management.
* Track the defects/bugs till production phase. Participate in scrum meetings.
* To use Maven scripts to build the application and deployed the application on JBoss Application Server.
* To implement a Continuous Delivery pipeline with **Docker**, **Jenkins**, **SVN** and **AWS AMI’s**.

**Technologies Used**: Java, HTML, CSS, JQuery, Angular JS, J2EE, JSF ,SQL, PL/SQL, Spring, Oracle, Subversion, Maven, Eclipse, JIRA, JBoss Application Server, IBM Web sphere ,UNIX.

**Client: Boeing Co, Renton, WA**

**Nov’17– Dec’18**

**Role: Java Full stack Developer**

**Description:** Boeing is a global services company that provides customers with access to products,

Insights and experiences that enrich lives and build business success. The project involved creating UI

Screens for Boeing product/service and developing internal Java coding by retrieving data from

Client side, processing it and saving it in database. It also involved fetching data from database and

Displaying it to the user.

**Responsibilities:**

* Involved in Requirements gathering, **Analysis, Design, Development and Testing** of application using **AGILE methodology (SCRUM).**
* Developed the web interface using **HTML5, CSS3, JavaScript, JQuery, AngularJS,** and **Bootstrap.**
* Fundamental mastery of **AWS** clouds computing platform and its dimensions of scalability.
* Used **Pivotal Cloud Foundry**, the connection/service binding details are injected from the deployed cloud platform itself.
* Used **AWS** deployment services to quickly set up a dynamic website and configured virtual servers.
* Designed Java Components and integrated using **spring framework** with **Hibernate** Object/Relational persistence mechanism.
* Involved in writing **Spring** Configuration **XML**, file that contains declarations and business classes are wired-up to the frontend managed **beans** using **Spring IOC pattern.**
* Implemented the application using **Spring IOC**, **Spring MVC** Framework, **and Spring Batch** and handled the security using **Spring Security.**
* Involved in integrating **JAX-RS** into **Spring Boot** application.
* Implemented **Micro Services** using **Spring Boot, Spring Cloud, and Spring Micro Services** and enabled discovery using **Netflix Eureka Server.**
* Created web services using **Spring @Rest Controller** to return **JSON** to the frontend.
* Created **SQL Server** logins and assigning roles and Authentication models as a part of Security.
* Used **multithreading** in programming to improve overall performance using **Singleton** design pattern in **Hibernate** Utility class.
* Developed the persistence layer using **Hibernate Framework**, created the **POJO** objects and mapped using **Hibernate annotations and Transaction Management.**
* Implemented service methods and **SQL** queries, **PL/SQL** to interact with the **forms.**
* Performed deployment of applications on **IBM Web Sphere** Application Server.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins** along with **LINUX** Shell scripts to automate routine jobs.
* Set up and installed computer, network, and server systems. Provided maintenance and repair on these systems.
* Designed and developed website.
* Responsible for determining all necessary coding requirements and implementation of features.
* Created development concepts, project flow, and project scope.
* Ensured on-time delivery of content.
* Development carried out under **STS** Integrated Development Environment (IDE).
* Used **MAVEN** to define the dependencies and build the application and used **JUnit** for suite execution and Assertions.
* Used **JIRA** for bug tracking, issue tracking and project management.
* Used **GIT** as source control management giving a huge speed advantage on centralized systems that must communicate with a server.

**Environment**:Java, Agile Methodology, HTML5, CSS3, AngularJS, JSTL, JQuery, AJAX, AWS EC2, S3, Micro Services, Hibernate, Spring, RESTful API, SOAP, JSON, SQL, Oracle, CRUD, CI, CD, Jenkins, JIRA, MAVEN, JUnit, UNIX, IBM Web Sphere, Log4J, GIT

**EASTERN ILLINOIS UNIVERSITY, Charleston, IL.**

**June’16–Oct’17**

**Role: Java/J2EE Developer**

**Description:**

Corpus which is extensive set of files; I designed a Search Engine where my role is to remove the redundancy, stop words and stemming through which a user can easily retrieve the relevant data.

**Responsibilities:**

* Participated in the requirements analysis and technical assessments.
* Developed class diagrams/sequence diagrams using UML and Rational Rose.
* Developed validations using JavaScript and User experience using HTML and CSS Sheets.
* Created a Business Home page using HTML where a Customer can register or Login to his/her account and used CSS for designing the page.
* Involved and named native queries for various database update, insert, delete operations and for invoking functions, stored procedures, triggers.
* Designed and developed Session beans to implement business logic.
* Involved in creating MQ Series Queue Managers, Queues, and Channels for development, testing and production environments.
* Configured local environment setup using Eclipse, SVN/SVN plug-in, Oracle 10.2 and Java on Windows environment.
* Configure application resources in Apache Tomcat Server such as Data Sources and Messaging resources.
* Wrote JUnit test cases to test business logic.
* Performed collaborative root cause analysis of production issues
* Worked closely with Development to update monitoring plugins along with application stack's rapid release cycle, to provide analytics data exposed through JMX
* Quickly assumed ownership of monitoring environment
* Improved efficiency of alerting by 90% with no loss in environment visibility by investigating and eliminating needless alerts
* Experience in Core Java concepts such as **OOP** Concepts, **Collections Framework**, and **Exception Handling, I/O System, Multi-Threading, JDBC, Generics.**
* Used **Java8** features in developing the code like **Lambda, creating resource classes**, fetching documents from database.
* Excellent understanding of **telecom OSS\BSS, billing and revenue assurance**
* Used design patterns like **Singleton, Data Access Objects, Factory** and **MVC patterns**.
* Testing and production support of **core java** based **multithreading ETL**, **Lambda** tool for distributed loading **XML** data into **Oracle database** using **JPA/Hibernate**.
* Created **POJO’s** and **DAO’**s for the database entities using **Spring JDBC annotation mappings**
* Integrated with **Spring Cloud** projects to provide distributed tracing and other features.
* Developed **micro services**with spring and tested the application using Spring Boot.
* Used **Spring Core annotations** for **Spring Dependency Injection, Spring MVC** for **Rest API’s** and **Spring Boot** for **micro services.**
* Development of cloud hosted web applications and **REST APIs** using Spring Boot with embedded **Tomcat**.

# Environment: Java/J2EE, HTML5, CSS3, PL/SQL, JDK 1.6, JSON, JSF 1.2, AJAX,  IBM MQ, Apache ActiveMQ2.9.0,Oracle 10g Database, Eclipse 3.4, Apache Tomcat Server, Jenkins, Junit.

**V-Centric Technologies Pvt. Ltd., Hyderabad, India**

**Jan’14 – Nov’15**

**Role: Java/J2EE Developer**

**Description:**

V-Centric Technologies Pvt. Ltd. is a wholly owned subsidiary of intelligence India which mainly focuses on new dimension technologies such as advanced java, machine learning, big data and artificial intelligence.

**Responsibilities:**

* Responsible in maintaining all phases which includes developing the code, testing and end user support.
* Designed and developed User Interface with **JSP, HTML, CSS, XHTML, JSTL, JavaScript, Custom Tags, Struts Tiles and Struts Tag library**.
* Used Validate framework for validation of client side data and **exception handling** using Struts exception handler.
* Worked on Web services using standard Web protocols such as **XML, SOAP, and HTTP**.
* Involved in the **Struts** upgrade to 2.X which involved in changes to action class.
* Migrated Jsp's from **Struts1** to **Struts2** eliminating custom tags.
* Developing Java **Web Services** for different phases. Used **ETL** framework to handle application requests using **SOAP** web services. Implemented the data persistence using **Hibernate.**
* Used **JDBC**  driver to connect to the Oracle database for all data transactions
* Deploying application in Web Sphere Application Server (WAS) using admin console and through ANT scripts.
* Create and organize test cases/plans for testing the assigned project features.
* Developing Database Objects like Stored Procedures, Views, Triggers, PL/SQL functions, Packages and Cursors for populating data in History tables.
* Developed JMS components to send messages from one application to other application internally.
* Experienced in Designing and Developing the Messaging Framework (JMS MQ) using JBoss AMQ.
* Using JAX-WS SOAP web services that are consumed by ACM applications to provide them with relevant information and testing them.
* Working on unit test cases using Junit.
* Collaborated with all team member to assist and lead project progress.
* Established continuous integration (CI) practices and standards for the application.
* Documenting and Coordinating UAT and production support.

**Environment:** Java/J2EE, PL/SQL, IBM RAD Rational Application Developer (RAD) 9.5, SoapUI 5.2, IBM Web Sphere.

**EDUCATIONAL DETAILS:**

* Master’s in computer science at Eastern Illinois University, Charleston, IL- 3.4 GPA