**Ramana Kumar Battula**

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**Summary**:

* Around 7 years of professional IT working experience with the full project lifecycle including Business modeling, Requirements gathering, Analysis, and design, Implementation, Testing, Deployment, and Integration using **Java** and **J2EE** technologies.
* Working knowledge in a multi-tiered distributed environment, OOP concepts, a good understanding of Software Development Lifecycle (**SDLC**).
* Extensive uses various design methodologies like **OOA & OOD, UML, and Design Patterns.**
* Experience with Agile Methodology/ Scrum in analyzing, define, and document an application which will support functional and business requirements.
* Excellent experience in developing Web-based and Enterprise applications using **Java, JSP, Struts, Spring (Both XML and Annotations), JSF, Hibernate, Servlets, EJB, JDBC, JNDI, JMS, XML, XSLT, WS, and J2EE** technologies.
* Extensive knowledge and experience working on different spring modules like **Core, AOP, Web, MVC, ORM, JDBC, and Spring Boot.**
* Working experience with various **ORM** and persistence frameworks like **Hibernate**.
* Experienced working on **Java 8** concepts such as **Stream APIs, Lambda Expressions, Functional Interfaces, Time API**, **Method References.**
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Good working knowledge in web development using **HTML, DHTML, XHTML, CSS, JavaScript, Ext JS, Node JS, jQuery and AJAX** technologies.
* Experienced in using relational databases **Oracle, MySQL, SQL Server,** and NoSQL databases like **MongoDB.**
* Experienced in installation, usage, and management on **Jenkins** and **GIT** for application servers.
* Experienced in web services like **SOAP and RESTful APIS.**
* Working experience in building Java **RESTful** Web services (JAX-RS) to simplify the development and deployment of web service clients.
* Experienced in using **Liquibase** and **FitNesse.**
* Experienced in creating **stored procedures, functions, packages, and triggers** with **PL/SQL.**
* Good knowledge in building and deploying **Apache ANT, Jenkins/ Maven** scripts for deployment, and customizing **WAR/ JAR** file management for web applications.
* Highly proficient in developing and deploying Java/J2EE applications on Application Servers – **Apache Tomcat, JBoss, WebLogic, and IBM WebSphere.**
* Good working knowledge on **GIT**, **IBM Rational ClearCase,** and **SVN** for version control.
* Primary objectives are to provide custom software development, quality assurance, production support, or related services preferably with exposure to new skills.
* Can learn and adapt quickly to the emerging new technologies in the industry.

**TECHNICAL SKILLSET**

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| --- | --- |
| **Languages** | Java 1.4/1.5/1.6/1.7/1.8, C, C++, SQL     |
| **J2EE Technologies** | Servlets, JSP, JDBC, JNDI, EJB, JMS, Spring, Struts, JSF, Hibernate, JUnit |
| **Application Server/Web Server** | JBoss 4.x, Apache Tomcat 5.5/6/7, WebLogic 10.3/12c, WebSphere |
| **Operating Systems** | Unix, Linux, Windows 98/XP/NT/2000/2003/2007 |
| **Database** | Oracle10g/9i, MS SQL Server, MongoDB |
| **IDE’s** | Eclipse, MyEclipse, NetBeans |
| **Frameworks** |  Struts 1.2/2.0, Spring, JSF, Hibernate 2.0/3.0, JUnit 4.4, SOAP UI |
| **GUI/Markup Languages** |  HTML, DHTML, XML, XSLT, JavaScript, CSS, jQuery, AJAX |
| **Tools** | GIT, Jenkins, SQL Developer Tool, SQL Server Management Studio, Liquibase |
| **Cloud Computing** | AWS Identity and access management, Amazon EBS, Amazon EC2, Amazon S3, Amazon RDS, AWS CloudWatch. |
| **Others** | SOAP, UML, AspectJ, and Version Control Systems like SVN, Agile Methods (Scrum, Extreme Programming) |

**PROFESSIONAL EXPERIENCE:**

**Client:   APPLE, Sunnyvale CA                                                      Feb 2018 to Till Date**

**Role:      Java/J2EE Developer**

Authentication is the process of recognizing a user’s identity. It is the mechanism of associating an incoming request with a set of identifying credentials. The credentials provided are compared to the file in a database of the authorized user’s information on a local operating system or in a data authentication server.

Authorization is a security mechanism used to determine user/client privileges or access levels related to system resources. Authorization is normally preceded by authentication for user identity verification. During authorization, a system verifies an authenticated user's access rules and either grants or refuses resource access.

The AOS application architecture utilizes a service-orientated architecture (SOA) that facilitates seamless integration and communication between the producers and consumers of information. Provides a service for clients to retrieve information about Apple Retail Stores and Access Points.

**Responsibilities**:

* Responsible for the design, development, and maintenance of the application.
* Developed enterprise application using **Servlets**, **JSP**, **JDBC,** and **Hibernate**.
* Developed server-side application to interact with the database using **Spring** **Boot** and **Hibernate**.
* Used **Spring** for obtaining bean references and **Hibernate** for Java object mapping with database tables.
* Extensively used **Java 8** features such as **Streams**, **Lambda** **Expressions**, **Time** **API**, and **Parallel** **Operations** on Collections.
* Used **Java 8 Method References** to point to methods by their names and used **Functional Interfaces**.
* Implemented front end using **HTML, CSS, JavaScript, jQuery** and **AJAX** for dynamic web content.
* Designed and developed the database required for the application using **MongoDB**.
* Developed Splunk dashboards, reports, search to support various internal clients and used for log analytics.
* Migration of **Amazon Web Services** (**AWS**) with other applications infrastructure.
* Used **Amazon Cloud Watch** to monitor **AWS** services and Amazon Cloud Watch logs to monitor application.
* Coded various business process methods required for the creation of **Web** **services** using **JAX-WS, SOAP, JSON**.
* Worked with development and testing team to complete scheduled development tasks according to the project timeline.
* Ensure that all completed programs were automated and tested to identify and correct any defects prior to full implementation.

**Environment:** JDK 1.8, J2EE, Servlets, Spring Boot, Spring, Hibernate, Restful Web Services, jQuery, JUnit, Oracle 12c, MS SQL, Mongo DB, WebLogic, Tomcat, Maven, Eclipse, XML, HTML, JavaScript, Log4j, Maven, AWS (Amazon EC2, Amazon RDS, Amazon Cloud Watch), GIT.

**Client:   ABB, Lafayette LA                                                             June 2017 to Jan 2018**

**Role:      Java/J2EE Developer**

The project involved building a web-based application used by buyers and sellers of electricity. Our application acts as an interface between a centralized body (ISO/RTO) and buyers/sellers of electricity. The software also facilitates a variety of views/reports that users can use to deduce what type of profit they get or what type of situation they land in.

**Responsibilities**:

* Responsible for the design and development of the customer website.
* Incorporated various Java and J2EE design patterns for efficient and error-free programming.
* Used **Spring** Framework for Dependency injection and integrated with the **Hibernate.**
* Developed user interface using **HTML, XML, CSS,** and **Ext JS.**
* Developed microservices and **Restful** Web Services using **Spring Boot, Spring Data** with JPA.
* Configured **Hibernate Mapping** files for mapping the domain objects to the database tables and their corresponding properties to the table columns.
* Used **Log4j** for external configuration files and debugging**.**
* Built cloud formation stacks utilizing JSON templates to deploy microservices as part of **Jenkins**.
* Maintained the version control using **Git.**
* Designed and developed Message-driven architectures that consumed the **JMS** messages from the Java message queue and process the database updating and conversion.
* Used **JUnit** to conduct Unit testing of Java services.
* Created test scripts to automate the process of testing in **FitNesse**.
* Involved in Code Review and Quality Processes.

**Environment:** Java/J2EE, Spring IOC, Spring AOP, Spring Boot, Microservices, Hibernate, JMS, Restful Web Services, jQuery, JUnit, Oracle 11g, MS SQL, JBoss, Eclipse, XML, HTML, JavaScript, Ext JS, CSS, AJAX, Log4j, Jenkins, GIT.

**Employer: V-Soft Solutions Inc.**

**Java/J2EE Developer                                                                 March 2017 to May 2017**

Inventory Control System project, which involved computerization of the entire warehouse to maintain all operations and transactions pertaining to the inventory online. It would keep track of the entire inventory information which was currently manufactured and stored. This application keeps track of detailed reporting of items that could be supplied to a vendor upon request. Also, has a portal where customers are allowed to login and manage their accounts online.

**Responsibilities:**

* Role includes an understanding of business requirements, design and development of code, test and integrates the solution with the desired set of rules.
* Incorporated various Java and J2EE design patterns for efficient and error-free programming.
* Implemented Spring Architecture and Spring Bean Factory using IOC, AOP concepts.
* Designed Use Case Diagrams, Class Diagrams, and Sequence Diagrams using UML to model the detailed design of the application.
* Involved in reviews and quality control activities.
* Unit tested and documented website applications and code.
* Involved in Integration testing and User Acceptance Testing.

**Employer: V-Soft Solutions Inc.**

**Client:  Spirent Communications, Calabasas, CA                  Sept 2015 to Feb 2017**

**Role:     Java/J2EE Developer Intern**

The project involved building a web-based application used by consumers and vendors. New customers can receive the quotes and existing customers has complete access to manage their accounts, renew their subscriptions, place orders, and are authorized to completely manage their accounts online.

**Responsibilities**:

* Involved in various phases of **Software Development Life Cycle.**
* Developed user interface using the **Struts MVC** framework, **CSS, HTML, and JavaScript**.
* Developed **REST** based Web Services for Integrating with the Enterprise Information System Tier.
* Implemented **Struts framework** in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.
* Worked on **Hibernate** as ORM to integrate with the application developed using **Spring**.
* Used **JMS** for the asynchronous exchange of critical business data and events among **J2EE** components and legacy system.

**Environment:** Java/J2EE, Struts, Spring, Hibernate, EJB, JMS, XSLT, XML, Apache Axis Web Services, JavaScript, CSS, JNDI, JUnit, Eclipse 3.1, Oracle DB, and WebLogic Application Server**.**

**Client:  Informatics Services, India                                           Jan 2014 to July 2015**

**Role:     Java/J2EE Trainee/Developer**

Investor Services application enables the investors to lodge a complaint against a trading member or a company and view the status of the same at every work point. The application is being developed in view of SEBI circular to provide the investors a way to lodge complaints with National Stock Exchange, view the companies or trading member’s responses.

**Responsibilities:**

* Designed Use Case Diagrams, Class Diagrams and Sequence Diagrams using **UML** to model the detailed design of the application.
* Reviews and Quality Control activities.
* Extensively used Struts Framework for developing the user interface.
* Involved in the development of some critical use cases.
* Review and quality control activities.

**Environment**: Java, J2EE, JNDI, Struts Framework, EJB, MySQL, Apache Tomcat, XML, Java Script, CSS, JDBC, SQL, PL/SQL, and JUnit.

**EDUCATION**:

**Mast*er of Science in Computer Science***, December 2016

 GPA - 3.84/4

**Texas A&M University-Commerce, Commerce, TX**

***Bachelor’s Degree in Computer Science and Engineering***, May 2014                          GPA – 7/10

**Jawaharlal Nehru Technological University, India**