**Ganesh**

**Professional Summary :**

* 7+ years of experience and ability to successfully implement complex large-scale, N-tier, MVC, SOA architecture distributed, real-time enterprise applications.
* Experience in developing projects for e-commerce, Healthcare & Insurance, Media & Entertainment and Telecom domains.
* Experience in full Software Development Life Cycle (SDLC) starting from collecting Business specifications, Analysis, Design and Development, Testing and documenting the entire life cycle using various methodologies like Waterfall, Agile and Test Driven Development.
* Strong Skills in **Object Oriented Programming** Concepts OOPS, **Object-Oriented Design**/Analysis, UML modeling and Design Patterns.
* Gained extensive knowledge in Documenting and Understanding User requirements and System Specifications and Business Work flow in a variety of industries and consulting sectors.
* Expertise in interacting with business users and understanding the requirement and providing solutions to match their Project Requirement and Planning meetings.
* Experience in developing the Enterprise and Web applications on n-tier Architecture using Java/J2EE and java based technologies such as Servlets, JSP, Hibernate, Spring, EJBs, JNDI, Web services, XML, JPA, JMS and JDBC.
* Extensive experience in working with Spring, Hibernate, and Struts frameworks for developing both front end and back end applications.
* Worked on XML technologies like XML, XSL, XSD, DTD, XSLT and parsing XML with SAX & DOM parsers.
* Experienced in developing UML diagrams like Use Case Diagrams and Class diagrams, Sequence Diagrams andBehaviour Diagrams.
* Experience working with SOAP, Rest and Restful Webservices.
* Experience in frameworks like Spring MVC/IOC/ORM/JDBC/AOP/Context/Security and Struts (MVC, architecture, interceptors, action mappings and resource bundles).
* Worked with Project Manager to create a risk management plan; further tracked project issues and risks using Rally tool.
* Experience in service oriented architecture including universal description and discovery integration (UDDI) lookups, web service description language (WSDL) using SOAP protocol and extended mark-up language (XML) and java XML parsers such as JAXB, SAX, DOM.
* Development, testing and deployment of enterprise applications on Windows &Linux platforms through IDEs such as JBoss, WebSphere, Eclipse, Net beans.
* Experienced with IBM WebSphere Application Server, OracleWebLogicapplication server, JBossand Apache Tomcat Application Server.
* Hands on experience with Core Java with multithreading, Concurrency, Exception Handling, File handling, IO, Generics, Data structures and Collections, Garbage Collection.
* Strong experience in using Version Control Systems such asSVN, Rational Clear Case to manage the source code of the applications.
* Designed and developed various Session EJB, Message Driven EJB’s for business and integration layers.
* Extensively implemented Stateless andStateful session beans to capture user conversation and to achieve scalability, memory management and transactions, and Entity beans to bring the relational data to the object world.
* Experience in Oracle, MySQL, MS SQL and in writing stored procedures, functions, triggers, cursors, and optimizing queries using SQL and also worked on database design.
* Good ability to interact with end-users, clients, managers and technical personnel.
* Exceptional written and verbal communication skills with broad understanding of business, domains and technology.
* Assisted project manager in defining project scope, time & effort estimates and deliverable management.

Tools/Technologies :

|  |  |
| --- | --- |
| **Languages** | Java, J2EE, C, C++, HTML, DHTML, CSS, JQuery, SQL. |
| **Operating system** | Windows, Unix (Linux). |
| **Java & J2EE Technologies** | Java, J2EE, JDBC, Hibernate, JSF, XML Parsers, JSP Servlets, EJB, JMS, Struts, Spring Framework, Spring Web flow, Java Beans, Web Services, AJAX. |
| **Framework** | Spring, Security, Tiles, AOP, Struts. |
| **ORM Tools** | Hibernate, IBatis. |
| **XML Technologies** | XML, SAX, DOM, XSL, XSLT, XPath, WSDL, SOAP. |
| **Web Technologies** | Java Script, HTML, CSS, SOAP, REST, Boot Strap, Angular JS, JQuery. Swings. |
| **Servers** | Apache Tomcat, BEA Web logic, IBM Web sphere, JBoss. |
| **Databases** | Oracle, DB, MSSQLServer, MySql, PostgresSQL. |
| **IDE/ Testing Tools** | Eclipse, Net Beans, SOAPUI, WSAD, RAD, JBuilder, JDeveloper. |
| **Database Tools** | PG Admin, SQL Developer, TOAD. |
| **Concepts** | UML, Design Patterns. |
| **Software Configuration Management Tools** | SVN, WinSCP, CVS, VSS, Clear Case. |
| **Build Scripts** | Maven, ANT, Jenkins, Hudson. |
| **Methodologies** | Waterfall, Agile. |
| **Defect Tracking Tools** | Bugzilla, Jira, Firebug. |
| **Scripting Languages** | Java Script, Shell Script. |
| **Others** | Log4J, JUnit, Ant, Maven, Lucene, Tika, Rational Rose, Umbrello, Putty, XQuery, Hudson, Nodejs, Groovy and Grails. |

**Education details:**

**Graduation:** Bachelor of Technology.

**Specialization:** Computer Science & Engineering.

**University:** Jawaharlal Nehru Technological University, India.

**Professional Experience**

**Miracle Software Systems Novi, Michigan Aug 2014 – July2016**

**Role: Java Developer**

**Responsibilities:**

* Worked in **Agile/Scrum** development environment with frequently changing requirements and actively participated in scrum meetings and reviews.
* Involved in translating Business Requirements into Technical Requirements.
* Implemented various Java design patterns like **Front Controller**, **Singleton, DAO and DTO.**
* Developed a single page, mobile-first, cross-device/cross-browser web application for real-time location sharing utilizing **AngularJS**, JavaScript API.
* Integrated the Java code (API) in JSP pages and responsible for setting up **AngularJS** framework for UI development. Developed html views with **HTML5, CSS3, bootstrap and** developed custom directives, Factories and Services in **AngularJS**.
* Using **AngularJS** created Responsive **Web Design (RWD**) and did data manipulations to display data in company standard format in UI.
* Used **NodeJS** to implement and deliver customer-facing solutions.
* Utilized **NodeJs** Grunt plug-in to manage build process for minification, concatenating, sass pre-compiler.
* Worked on Client side validations using **JQuery** and **JavaScript.**
* Analysis and Design of various modules using **Java** and **J2EE.**
* Worked on **Spring** framework for **dependency injection, transaction management** and integrated among different layers of the application.
* Worked on **Spring MVC** framework controllers for designing controllers in the MVC.
* Worked on the development of **SOAP Web Services** using **Apache Axis 2** to extract customer related data from databases.
* Implemented **Hibernate** for data persistence
* Developed Web services to allow communication between the applications using **REST Web services.**
* Implemented Business Logic using **POJO’s** and used **Apache Tomcat** to deploy the application.
* Experience in configuring build tools like **Maven** for the **development** and **deployment.**
* Implemented various complex **SQL, HQL** queries.
* Worked with Testers in resolving various defects in the application.
* Working with the **JIRA** tool for Quality Center bug tracking.
* Used **MySql** database management system for keeping user generated data.
* Implemented **Java Persistence API (JPA)** through **Hibernate 3.0**.Created connections to database using **Hibernate session Factory**, using **Hibernate APIs** to retrieve and store data to the database with Hibernate transaction control.
* Application was developed using **Eclipse IDE.**
* Developed various**JUnit** test cases for Unit and Functional Testing respectively.

**Environment: Core Java, J2EE, JSP, Servlets , JSF, Spring MVC ,IBM Websphere, Java Script, CSS, Angular JS, Struts, MySQL, SQL/PLSQL, JUnit, WebServices, Apache Tomcat Server, Linux, HTML, XML, XHTML, CVS, Windows.**

**Barclays, Newyork, NY Mar 2013 – July 2014**

**Role: Java Developer**

**Responsibilities:**

* Designed and coded application components in an **agile** environment utilizing a test driven development approach.
* Worked on**Webservices** and maintained project tasks and schedules.
* Provided programming estimates, identified potential problems and recommended alternative solutions.
* Working with **Spring, Spring MVC** and **Struts** and also developed Web App using these frameworks.
* Created web pages for each project using **XHTML, CSS**, and **Java Script**.
* Developed **SOAP** based Web Services using **JAXB**.
* Experience in working with IDE’s like **Eclipse, Spring MVC,Vaadin Plugins**. Also developed some web applications using **Vaadin** .
* Worked on developing the web services classes, **WSDL** using Apache Axis.   Developed Web Services to retrieve data from legacy systems.
* Developed web services components using **XML, SOAP and Axis**.
* Developed Web services using **JAX RPC** and integration with **LAPS** product.
* Developed **SOAP** based Web Services using **JAXB**.
* Developed web components using **MVC** pattern under **Struts** framework.
* Wrote **JSPs, Servlets** and deployed them on **JBoss** Application server.
* Wrote SQL Stored procedures**, triggers**, views for backend database access.
* Used **JSP’s HTML** on front end, **Servlets** as Front Controllers and **Java Script** for client side validations
* Web sphere used in create applications and integrate applications with other applications.
* Designed, developed and maintained the data layer using **JDBC** and performed configuration of JAVA Application Framework
* Developed Unit test cases for the classes using JUnit.
* Developed and maintained Ant Scripts for the build purposes on testing and production environments.
* Application developed with strict adherence to J2EE best practices.

**Environment: Core Java, J2EE, JSP, Servlets , JSF, Spring MVC ,IBM Websphere, Java Script, CSS, Angular JS, Struts, MySQL, SQL/PLSQL, JUnit, WebServices, Apache Tomcat Server, Linux, HTML, XML, XHTML, CVS, Windows.**

**American Express, Phoenix, AZ Oct 2010 – Feb 2013**

**Role: Java Developer**

**Responsibilities:**

* Developed application using **Agile/Scrum methodology**.
* Involved in Development, Integration and Testing of application modules
* Developed presentation layer using **JSP, HTML, Java Script, JQuery, CSS**
* Have developed stateless session **enterprise java beans**.
* Implemented the project using **IDE Eclipse**.
* Used **JSP, HTML, Java Script, Angular JS** and CSS for content layout and presentation.
* Created data access layer using **SQL.**
* Used **JMS** for Point-to-Point **asynchronous** messaging for high transactional Banking operation.
* Worked on **JQuery, AJAX, JSON** and **JSF** for designing highly user interactive web pages.
* Implemented **AJAX** for better user experience by dynamically providing Asynchronous request and response communication between the client and the server.
* Used **Object/Relational** mapping tool **Hibernate** to achieve object persistency.
* Implemented the integration with the back end system with web services using **SOAP**
* Involved in configuring **hibernate** to access database and retrieve data from the database.
* Implemented logger for debugging and testing purposes using **Log4j**.
* Developed JSF components, implemented event handling using **Java, JSF and JavaScript** for various modules.
* Developed stored procedures and **triggers with SQL**.
* Involved in the **bug tracking** and Unit Testing using **JUnit framework**.
* Developed **ANT Scripts** to do **compilation, packaging and deployment** in an application server.
* Involved in **peer to peer** code reviews and cross checked whether coding standards are being followed.

**Environment:Core java, Java 1.5, J2EE, JSP, JSF, Servlets, Angular js, Hibernate, SQL, HTML, Springs, JQuery, MySQL, JNDI, JMS, JBOSS, ANT, XML, Java Script, CSS, Windows, Eclipse, Log4j**

**Regency Infotech Pvt Ltd, Hyderabad, India Dec 2009 – Sep 2010**

**Role: Java/ J2EE Developer**

**Responsibilities:**

* Release management and support. Participated in User Acceptance Testing during each **Agile** Cycle.
* Prepare documentation including application architecture diagrams, design documents, sequence diagrams, class diagrams, etc. Provide supporting verbiage describing the flow of information and the technical protocols in use.
* Designed and developed screens using **Java, JSP, Servlets** and **Struts** framework.
* Implemented **MVC Design** Patterns using **Struts Framework**.
* Developed**REST** web services that support enterprise-scale consumption using **JSON, XML** response objects and **JAX-RS API.**
* Wrote **SQL** and stored procedures as part of database interaction.
* Extensively used **Hibernate** for Object relational Mapping for data persistence.
* Enhance existing web services to meet new business requirements.
* Ensure development code is secure and compliant with Java Development Toolkit standards.
* Develop interactive using **HTML, JQuery, and Ajax.**
* Document and execute unit test cases.
* Communicate effectively with client, external vendors, web service team members, and other consultants performing UI development and QA services.
* Troubleshoot and resolve application development issues.
* Assist customer with production deployment activities and resolution of production issues for a limited time post-deployment requirements.
* Resolve requests for Assist in troubleshooting issues assigned to the development team.

**Environment: Java, J2EE, JSP, Servlets , JSF, Spring MVC ,IBM Websphere, Java Script, CSS, Angular JS, Struts, MySQL, SQL/PLSQL, JUnit, WebServices, Apache Tomcat Server, Linux, HTML, XML, XHTML, CVS, Windows.**

**ADP, Hyderabad, India May 2008 – Nov 2009**

**Role: Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC).
* Interacted with business analysts and architecture groups gathering requirements and use cases.
* Developed Class **diagrams, Sequence diagrams, and State diagrams**.
* Developed the application using the **Struts**.
* Developed **JSP pages** for the presentation layer, used **custom tag libraries**, JSP Standard Tag Library (**JSTL**).
* Developed the **Session Beans** for handling the complex business logic.
* Developed the **Hibernate** for handling the database access.
* Explored the **best programming practices** for better performance and easy maintainability of the applications.
* Extensively wrote **Stored Procedures, Triggers, and Cursors**, **Views** for data retrieval and data storage and updates in **DB2** database.
* Implemented **SOLR** search engine to search the products.
* Wrote **Apache ANT** build scripts for building the application and unit test cases using **JUnit**for performing the **unit testing**.
* Coordinated the build and deployment of **EARs** on **Web sphere** in Test and Development environments.
* Designing **Test Plans**, **Test Cases** and performed **System Testing**.
* Extensively used **CVS** as source control and Involved in the Configuration Management software configuration/change control board.

**Environment**: **Java/JEE Hibernate, JSPs, EJB 2.0, UML, JMS, XML, Struts, HTML, JavaScript, AJAX, DHTML, WebSphere, DB2, JUnit, ANT, Windows NT, UNIX**.