**SANGAVI K**

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**PROFESSIONAL SUMMARY:**

* **8+ Years** of experience in design, development and implementation of software applications using **Java, J2EE, technologies**. Having good experience in the Information Technology Industry and also healthy participation in all phases of Software Development Life Cycle **(SDLC)** including analysis, design, coding.
* Experience in **Pair Programming**, **Test Driven Development, Waterfall model** and **Agile** methodologies like **SCRUM**.
* Expertise experience in estimations, **analysis, design, development**, testing, maintenance, performance tuning and deployment of internet, e - commerce and client-server applications using Java, Servlets, JSP, JavaBeans, JDBC,**Spring, Hibernate**, **AJAX, JavaScript.**
* Experience with different **IDE’s** like **Eclipse, NetBeans, Intellij**.
* Good knowledge and experience in **Core** and **J2EE design** patterns like **Singleton, Abstract Factory, Builder, MVC2, Business Delegate, DAO etc.**
* Expertise in various open-source frameworks like **Angular JS, React JS, Node JS, Struts 2.0/1.2, Spring 2.5/3.0, Spring MVC, IoC,**Web and ORM Technology like **Hibernate 3.0, JPA, EJB3.0, IBatis, Mybatis, JQuery.**
* Expertise in Distributed and Web environments, focused in **JAVA**Technologies - **Java collections**, **Threads**, **J2SE**, **JDBC**, **Struts**, **Spring, Hibernate Framework**.
* Expertise in Web-Development technologies like **Servlets, JSP, JSTL, HTML5, JSON, JavaScript, CSS3, XML**, **XSL/XSLT, AJAX, JQuery.**
* Good **OOAD** skills and data modeling using **UML (Use-cases, Class diagrams, Sequence diagrams etc.). Used UML tools like STARUML.**
* Extensive knowledge of **XML**-based standards and protocols (such as **WSDL and SOAP)**, **Service Oriented Architecture (SOA),**development of **XSD**schemas and implementing both **SOAP** and **REST web services.**
* Extensively experienced in Middle Tier Development using **Servlets, JSPs, and EJB (3.0)**.
* Experience in using **DOM4J, JAXB, JAXP** parsing and **XML Bean** to process, validate, parse and extract data from **XML** files.
* Experience in Continuous Integration tools such **Jenkins**and **Bamboo.**
* Good knowledge and experience with multiple Servers like **IBM Web Sphere, IBM Web Sphere ESB (Enterprise Service Bus), Web Logic server, Apache Tomcat, JBoss.**
* Extensive experience in working**IDE** tools like **Eclipse, Net Beans, RAD, WID** (Web Sphere**Integration Designer).**
* Experienced in Paymentech **SDK, Groovy and Grails, Apache SOLR, Lucene, SOA and ADF 11g.**
* RDBMS experience includes **Oracle, SQL Server**; database programming and connectivity using **JDBC, ODBC, SQL, PL/SQL, Stored Procedures, triggers, Queries etc.**
* Experience in open-source continuous integration tools - **Hudson, Ivy**and**Artifactory.**
* Experienced in generating logging by **Log4j** to identify the errors in production test environment and experienced in**Ant, Maven and Gradle tools.**
* Strong experience in **UNIX** and **Shell scripting.**
* Worked with various Application servers like **JBOSS7**, **Webshpere**, **GlassFish 3**and **Tomcat7 webserver.**
* Experience in **SVN and Perforce** for version control and used **maven**for building
* Good experience in working with team members from vendors and internal departments to coordinate activities across multiple applications.
* Ability to manage multiple project tasks and deadlines along with troubleshooting skills to facilitate effective and efficient resolution of problems.

**TECHNICAL SKILLS:**

**Languages:** JAVA 8.0/7.0/6.0/5.0/1.4/1.2 , SQL, Python, PL/SQL, UML, C, C++

**Web Technologies:** JSP, Servlets, JNDI, JDBC, JMS, JPA, EJB(3.0), Web Services, SOAP, WSDL, JSF(2.0), AX-RS, JSX-WS, HTML5, DHTML, Java Beans, JavaScript, Angular JS, React JS, NODE JS, AJAX, CSS3.

**XML Technologies:**XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB

**Web/App. Servers:** Apache Tomcat 4.0/5.0/6.0, Web Logic 8.1/9.1, Web sphere, JBoss. IIS

**IDEs:** Eclipse, Net Beans, Red Hat Developer Studio, WSAD.

**Tools:** TOAD, XmlSpy, Ant, MAVEN, PL/SQL Developer, JUnit, I Report, JIRA

**Operating systems:** Windows, UNIX, Linux, Sun Solaris.

**Databases:** Oracle 8 / 9i / 10g, HSQL, My Sql, MS SQL Server 7.0, Sybase, MS-Access.

**Frameworks:** Struts, Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, DWR, Log4j, JSF, JPA.

**Version Control:**CM Synergy, Rational Clear Case, CVS, VSS, SVN, Git.

**Algorithms/ Data Structures:**Big O, Sorted, Tree, Stack, Queue, Linked List, Heap, Graph

**Development Methodologies:** Waterfall, Agile and Scrum

**Services:** SOA architecture, RESTFUL/SOAP, Microservices, Axis 2, Apache CXF

**Servers:** JBOSS, Weblogic 10g, 11g, IBM Websphere, Apache Tomcat

**Integration tools:** Hudson, Ivy

**PROFESSIONAL EXPERIENCE:**

**AIG, New York, NY Jul 2021 to till date**

**Sr. Fullstack Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed java modules implementing business rules and workflows using **Spring MVC, IoC, Web Framework.**
* Had experience in performance tuning **J2EE**apps, performance testing, analysis, and tuning.
* Developed the Product Builder **UI**screens using **Angular-JS, Node JS, HTML5, CSS, Javascript and Bootstrap.**
* Worked on development of Hibernate, including mapping files, configuration file and classes to interact with the database.
* Improved the maintainability of the project by implementing and improving Exception Handling and Collection **APIs**
* Involves in Sprint planning for the estimation of efforts for user stories and bugs.
* Performed code reviews and provided guidelines for best practices of software management, Coding Standards and Code Commenting for better understandability.
* Implemented **UNIX**utilities using shell script for data validation, manual job submission, restarting failed jobs, etc.
* Used **Spring Boot,** which is radically faster in building cloud Micro services and develop **Spring**based application with very less configuration.
* Actively involved in deployment Application war files in Weblogic Application server.
* Migration of current search process from Database to Solr search engine.
* Designed and developed the **REST**based Microservices using the Spring Boot, Spring Data with JPA.
* Responsible for maintaining and expanding our **AWS**infrastructure using **AWS (EC2/EBS).**
* Refactored the code for **JVM**Optimization and performance of application.
* Involved in Maven based build process and continuous integration of the project using Bamboo and Jenkins.
* Experienced in full-text search engine techniques like Lucene, Solr with Jetty Server.
* Implemented SOA architecture with Web Services using **SOAP, WSDL and XML** to integrate other legacy systems.
* Unit testing of developed product features using **Junit and Mockito**frameworks as part of development cycle.
* Wrote build and deployed scripts using **Shell**and **ANT scripts**and involved in performance analysis of the application and fixed problems/suggest solutions.
* Used **SOAP** based Web services and **RESTful Web services** for transferring data between applications.
* Knowledge of open-source frameworks including Spring, Play and Lucene.
* Designed and developed various Oracle database Simple and Complex Queries, PL/SQL procedures, Stored Procedures, Trigger and Functions.
* Developed **UI**using **AngularJS, HTML, JavaScript** and developed Business Logic and Interfacing components using Business Objects, **XML, and JDBC.**
* Responsible to finish **Jira**Tickets assigned on time and update their status on regular basis.
* Used **SVN** for source code control.
* Develop detailed program design for application changes and/or major bugs.
* Involved in writing program documentation and technical specification documents.

**Environment:** Java, J2EE, Spring v3.x, Spring MVC, Hibernate v3.0, Oracle DB, Angular-JS, Node JS, Bootstrap, CSS, HTML5, Javascript, jQuery, AJAX, GIT, IntelliJ, AWS SNS/SQS, DbVisualizer, Tomcat, JBoss, SVN, Maven, JIRA, SOAP/Restful Web Services, Redhat Linux, Jenkins, WSDL, Spring Based MicroServices, Agile, cucumber, Bamboo CI.

**Discover Bank, Jacksonville, FL Sep 2019 to Jun 2021**

**Sr.Java/J2EE Developer**

**Responsibilities:**

* Converting business requirements into technical design and developed the system as per the technical specifications.
* Following agile methodology, an iterative development for the project and participating in code reviews.
* Developed various DOA’s in the applications using Spring JDBC support and fetch, insert, update and deleted data into the database table.
* Worked with AWS Cloud management and Chef Automation.
* Extensive experience in integrating React with backend services and RESTful APIs, facilitating seamless communication and data exchange between the front-end and back-end components of applications.
* Developed various API’s to communicate with Solr search engine and integrated Solr search engine in Web store.
* Proficient in designing and building user interfaces for web applications using the React JS framework. I have developed dynamic and interactive UI components that enhance the overall user experience.
* Proficient in working with JavaScript libraries and frameworks alongside React, enhancing the functionality and interactivity of web applications.
* Implemented **MVC architecture** using **JSF framework** using **JSPs as GUI** development and DB Modeling using Oracle 10g.
* Used **MyBatis & IBatis**persistence framework to provide support for custom SQL, stored procedures and mappings.
* Developed various **GWT**customized widgets, services and DAO classes for the above systems using **servlets, Core Java and GWT RPC/Ajax calls.**
* Worked on converting the PSD to a pixel perfect **XHTML page using CSS3 and HTML5.**
* Used State management supporting like request, application, session, flash and view scoped java beans.
* Developed tools using Python, Shell scripting, **XML**to automate some of the menial tasks.
* Implemented the application specific SOAP based Web services to transfer data in real-time between EXPERE document engine, Teamwork’s BPM tool and other legacy systems by utilizing WSDL, SOAP, Axis and JMS technologies.
* Able to dig into unfamiliar codebases in order to understand bugs and solve problems using Golang.
* Experience in developing web-based **GUIs using Angular JS and JSP, HTML, and JavaScript.**
* Designed and developed Asynchronous service on Amazon AWS using SNS/SQS. Created Business Logic using Python t o create Planning and Tracking functions
* Developed stored procedures, functions, **SQL, NOSQL** queries and backend programs using Oracle database and tools such as **TOAD and SQL developer.**
* Used Stash code versioning system for code maintenance and used **Log4j**to generate logs used for maintenance and bug tracking
* Developed **EJB** Components, which encapsulate business logic and build up the model for the system.
* Implemented various **J2EE design** patterns like DAO pattern, Business Delegate, Value Object.
* Developed Java Helper classes for updating Customer Accounts and Customer information.
* Configured and deployed the application in **IBM WebSphere application server.**
* Build, Merged, Configured and deployed the code in Weblogic Server of DEV Environment, TI and Staging Environment.
* Logged issues and bugs with Jira , created and participated in code reviews using Crucible 2.0/3.0
* Experienced best practices for integrating microservices into an existing system architecture.
* Deployed **J2EE Web and EJB** modules using WebLogic Command Line Deploy tool and WebLogic Admin Console.
* Tuned **TCP/IP, JVMs, JVM** heap size, garbage collections and Native thread’s.
* Developed presentation layer using **HTML, CSS and Javascript.**
* Worked with a variety of issues involving multi-threading, server connectivity and user interface.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, React JS, Servlets, Spring, Struts, Jasper Report, Hibernate, Web services, SQL, BPM, Oracle, Golang, GWT, Stash, AWS, bamboo, cucumber, Microservices, Eclipse, GIT, Jenkins, Maven, Log4j, JUnit, WebLogic 10.X, IBM WebSphere Application Server, JIRA, Clearcase.

**PNC, Dallas, TX Jul 2018 to Aug 2019**

**Java/J2EE Developer**

**Responsibilities:**

* Working on application architecture and re-design of different parts of the application.
* Working with Requirement leads and Project managers to translate business Requirements into technical specifications.
* Developed database persistence layer components for mapping an object-oriented domain model to the relational database using ORM framework such as Spring JDBC Support, **Hibernate and JPA.**
* Worked in Agile mode and interacted closely with the product owner and business team.
* Setup a new clear case project and **ANT scripts**and owned the deploy process.
* Built Single page application (SOA) using **AngularJS**as per the requirement.
* Optimize the cost of application development and maintenance by using economies of scale under a SLA governed process.
* Worked with Apache Lucene and SOLR for searching the person and business details.
* Design and development of the BPM for various synchronous and asynchronous processes and to implement the workflow of the applications
* Using Spring Boot, which is radically faster in building MicroServices and develop Spring based application with very less configuration.
* Written Stored Procedures, functions, SQL queries and backend programming using Oracle, SQL.
* Developed presentation tier web components using JSF framework and deployed the application in web server.
* Expertise in application development using **JSP, Servlets, JDBC, JNDI, spring, Hibernate, Ibatis, Mybatis, JSF, EJB, XML, Web Services- SOAP, WSDL.**
* Implemented MVC architecture using JSF framework using **JSPs** as GUI development and DB Modeling using NOSQL and Oracle 10g.
* Deployed and monitor scalable infrastructure on **Amazon web services (AWS)**& configuration management using puppet.
* Performed client-side validations using JavaScript and Struts validation framework.
* Worked and supported ecommerce business models such as on B2C, B2B, and B2B2C.
* Performing Impact Analysis, Design, and Estimations for the enhancements to the applications.
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* Interacted with the business users to gather requirements and provided high-level design with Sequential and State-chart diagrams.
* Manage configuration of Web App and Deploy to **AWS c loud server through Chef.**
* Built workflow-based applications using JBPM workflow engine and designed workflow in JBPM editor, use provided api's in JBPM engine to run business functions.
* Developed business processes/work flow and rules using JBoss BPM /Rules
* Implemented various **J2EE**design patterns like DAO pattern, Business Delegate, Value Object.
* Developed Business components and Services **using EJB3.0, JPA and JAX-WS** and deployed them in Business tier application server.
* Developed various Land registry office user interfaces, Model Beans and DAO using **JSF Framework.**
* Have written Unit Test Cases and Integration Test Cases using Junit framework.

**Environment:** Core Java, J2EE JSP, Servlets, JDBC, Collections, Generics, JUnit, Solr, Lucene, Struts, Spring, AWS, JBPM, Hibernate, Microservices, Eclipse, WebLogic Application Server 5.0, UML, SQL, NOSQL, Oracle 10g, Agile, Maven, SVN, ClearQuest.

**Etrade, Bethesda, MD Sep 2016 to Jun 2018**

**Java/J2EE Developer**

**Responsibilities:**

* Developed State Street mortgage lending application and has good knowledge of Secured loans, unsecured loans, Credit Card transactions, Credit decision, Credit policies and Collateral.
* Development, Maintenance and Production support of the application.
* Discussions with On-site team about the Requirements.
* Developed various J2EE components like **Servlets, JSP, JSTL, AJAX, SAX, XSLT, JAXP, JNDI, JMS, and MQ S eries**by using RAD **Application Framework.**
* Performing Impact Analysis, Design, and Estimations for the enhancements to the applications.
* Coding the requirements and subsequent unit testing of the developed code.
* Fixing the tickets created to make sure the applications run smooth.
* Wrote both jBPM v5 and v6 in java to model, execute and monitor business processes, throughout their life cycle. The Business Process Modeling Notation (BPMN) was used to develop readily understandable graphical representations of business processes. BPMN diagram was used to generate a BPEL process
* Developed Login Service, Request Documents Service, Index Document web services using **JAX-WS and JAXB**, written **WSDL and XSD.**
* Involved in publishing and consuming the web-service calls through ServiceGen and Client invocation.
* Used JPA Transaction management **API** and developed Services that can perform transactions.
* Logging mechanisms are implemented using **Log4j.**
* Developed the application presentation layer using struts framework and DOA.xml quires to fetch data from the database.
* Developed various **UI**Screens of management information reporting.
* Developed user interfaces, Action classes, Business components using struts framework.
* Developed **EJB** Components, which encapsulate business logic and build up the model for the system.
* Implemented various **J2EE** design patterns like DAO pattern, Business Delegate, Value Object.
* Involved in unit testing and development.
* Generated UML class diagrams using **RAD IDE.**
* Developed custom tags as required for the application.
* Build the application using **Ant built tool**.
* Configured the application and deployed the application in IBM Websphere application server.

**Environment:** JDK1.4, Servlets-2.3, JSP-1.2, Struts-1.1, XML, CSS, DHTML, GWT, Taglibs, IBM AIX, IBM MQ, Eclipse, IBM Websphere5.1, GIT, WSAD, log4j, Actuate, Toad and Oracle9i.

**Vignan Soft Tech May 2015 to Feb 2016**

**Java Developer**

**Responsibilities:**

* Actively participated in different phases of the Software development Life Cycle (SDLC) and analyzed Use case diagrams and Class diagrams based on requirement.
* Presentation Layer is created using **JSP, HTML, Apache Jena and Struts Tag Libraries.**
* Configured frontend to server side by using Struts Configuration.
* Validated user data using Struts Action Forms and user request is processed using Action Classes.
* Written Hibernate mapping file for each Java Object and configured with respective table in Hibernate Configuration.
* Written SQL Queries to communicate with the Oracle Database.
* Developed DAO’s (Data Access Objects) and performed O/R mapping using **Hibernate** to access the database.
* Implemented Log4j for logging and developed test cases using JUnit.
* Performed Unit, Integration testing worked on clearing issues at the time production and application support, worked on the maintenance and deployments of the project with patches and performed documentation of project.
* Responsible for resolving any environment (Development, testing and Production) related issues.

**Environment:** Java, J2EE, Struts 1.2, Struts Tag Libraries, hibernate, Oracle 9i, Web Sphere 5.1, JavaScript, RAD 6.0, Rational Clear Case.