**SRAVAN SAMALA**

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**SUMMARY:**

* Over 7+ years’ experience in analyzing system issues, designing and developing dynamic solutions using **Java**/**J2EE technologies.**
* Experienced in all stages of software development life cycle (SDLC) starting from gathering Business specifications, analysis, design, development, testing, and implementation of projects.
* Experience designing and developing Enterprise Applications using include **Servlets, JSP, EJB, Services, RPC, RMI, and JDBC, GWT.**
* Delivered training on container and container orchestration with Apache, Docker & Kubernetes.
* Experience in the application servers **Web logic, Web Sphere** and **Apache Tomcat.**
* Extensively experience in architectural issues and their solutions using various design patterns such as **MVC** (Model-View-Controller), **Singleton, Facade, Factory.**
* Expertise in Application development using various frameworks such as **Struts Framework, Java Server Faces, Spring Framework, Spring MVC, Hibernate** with GUI plug-ins like Tiles Framework, validation plug-ins like Validator Framework.
* Experience in **Mean Stack (Mongo DB, Express JS, Angular JS, Node JS, React JS).**
* Well versed in developing **MongoDB, Micro Services** web application using test driven methodologies (TDD) and Junit as a testing framework.
* Sound Relational Database Concepts and extensively worked with DB2, ORACLE. Very good in writing complex SQL’s and PL/SQL procedures.
* Implemented Spring framework, Spring-AOP, Spring-ORM, Spring-JDBC modules.
* Strong experience in the Web Application GUI Development using Beans and Custom **Tag Libraries**, **HTML, DHTML, CSS, JavaScript, jQuery, XML** and **AJAX.**
* Expertise in implementing Service Oriented Architectures (SOA) with **XML** based Web Services (SOAP/UDDI/WSDL).
* Expert in Core Java with strong understanding of **Collections, Multithreading, Event handling, Exception handling** and **Generics.**
* Experience with Streaming platforms like Apache Kafka.
* Extensive use of Node JS, Express JS, and Mongo DB along with Mongoose.JS to create server-side applications.
* Utilized custom built database to enter information, retrieve information, and process Financial- mortgage applications.
* **Integrated Struts and Hibernate ORM framework for persistence and used Hibernate DAO Support with Hibernate Template to access the data.**
* Working knowledge of **Ant/Maven** for project build/test/deployment, **Log4j** for error **logging** and Debugging, **JUnit** for unit and integration.
* Worked on the Configuration management tool **Subversion** and on a continuous integration tool like **Jenkins.**
* Hosting Micro Services on PCF and **AWS** platforms.
* Migrated applications from internal data center to **AWS.**
* Experience in modelling applications with **UML**, Rational Rose and Rational Unified Process (RUP) and Microsoft Visio and source control applications like Microsoft, CVS and Rational ClearCase.
* Experience in executing various project assignments in different teams including business modeling and **analysis, framework, development,** production support and off-shore co-ordination.
* Expertise in **Unit Testing, Integration Testing, System Testing** and experience in preparing the Test Cases, Test Scenarios and Test Modules and Test plans.
* Experience in developing utility and enterprise-based application using core data for **iOS Apps** to improve memory overhead of the app and increase responsiveness.
* Extensive hands-on experience in Pivotal Cloud Foundry
* Very good understanding of frameworks such as Custom In-memory **DB concepts, Spring Web, Batch, Remoting, Spring Security, Activiti BPMN 2.0, Hibernate, Struts and SOA based Web Services** (both SOAP and RESTful), **Test Driven Development, Agile and Sprint Development approach**, with hands on implementation experience.
* Experience in **Test Driven Development (TDD),** using **Spring JUnit** Runner, **Mockito** and Easy Mock.
* Experience in developing and maintaining Test Automation Frameworks like **Data Driven, Keyword Driven, Hybrid** and **Cucumber (BDD/ATDD.)**
* Deployed web application on different OS's like UNIX, Linux, and Windows

**EDUCATION:**

* Bachelors Computer science – Jawaharlal Nehru Institute – India
* Masters in Information Assurance – Wilmington University – DE

**TECHNICAL SKILLS:**

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| **Languages** | Java 1.8, SQL, PL/SQL, C, C++. |
| **Enterprise Java** | JSP, Servlet, JNDI, JDBC, JSF |
| **Mark-up/XML Technologies** | HTML5, CSS3, JavaScript, jQuery, Ajax, AngularJS, Bootstrap, XML, XSD,  XSL/XSLT, SAX/DOM, JSON, DOJO, NodeJS |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JMS, JSF, Log4J, JUnit, SOA, Jasper reports, SOAP UI, Spring Boot, Spring Batch, Spring Security |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, AWS, CFX, JMS, MQ, Micro Services |
| **Web/App Servers** | Web sphere, Apache, Tomcat, JBoss, EAP, WebLogic. |
| **Database** | Oracle, SQL-Server, MySQL server, TOAD, Mongo DB and Dynamo DB. |
| **Development Tools** | Eclipse, RAD, IntelliJ, Spring Tool Suite (STS). |
| **O-R mapping** | Hibernate, JPA, JTA |
| **Modeling/ CASE Tools** | Rational Rose, MS Visio Professional, Star UML |
| **Testing Tools/ Others** | JUnit, SoapUI, Putty, Rational Clear Quest, RTC, Load UI |
| **Version Control** | Git, CVS, SVN, Rational clear case, Star Team |
| **OS & Environment** | Windows Vista/XP/2000/NT, Win 2k Server, Sun Solaris, UNIX |
| **Design Patterns** | MVC, Front Controller, Singleton, Business Delegate and DAO patterns |

**PROFESSIONAL EXPERIENCE:**

**Daimler AG, Detroit MI  Jan 2018 – Present**

**Role: Java Developer**

**Description:** Daimler AG is a leading producer of premium passenger cars and the largest manufacturer of commercial vehicles in the world. The project involved assistance in implementation of IT Solutions for complex supply chain problems.

**Responsibilities:**

* Involved in requirement gathering, design and development, handling deliverables, tracking status phases of Software Development Life Cycle (SDLC) in the application.
* Involved in the design and development of application built in Java/J2EE using Struts, Spring and Hibernate frameworks in SOA.
* Generated the Use Case Diagrams, Class Diagrams and Sequence Diagrams to represent the detailed design phase using UML in Rational Rose.
* Used struts framework to develop Action Servlets, Action Form bean and configured the struts-config.xml file.
* Used Servlets and JSP’s in developing the web application on WebSphere.
* Involved in using all core Java Concepts into the application for the reusability of the code.
* Used Couchbase Server to provide low-latency data management for large-scale interactive Web Applications.
* Used the Struts validation and Tiles Framework in the presentation layer.
* Developed Java, JSP, Java Script, HTML, and CSS for UI.
* Implemented Java EE components using Spring MVC and functionality using Spring Boot and Spring IOC.
* Used Couchbase client to view the document structure and Query APIs.
* Implemented WEB Service Layer for exposing order services to other platform independent applications.
* Used Spring Framework with Hibernate to map to Oracle Database for the Workflow of Various Modules.
* Used RAD (Rational Application Developer) as the IDE and deployed the application on Web Sphere application server
* Involved in writing the ANT scripts to build and deploy the application.
* Used Logging framework Log4J for logging purpose.

**Environment:** Java 1.8, J2EE, Oracle 10g, Spring, Couchbase, API, Spring Boot, Hibernate, Struts Framework, WebSphere, SVN Repository, and UNIX.

**Client: Health Connection, Minneapolis, MN May 2016 – Dec 2017**

**Role: Java Developer**

**Description:** Health Connection is a Minnesota non-profit that acts as an intermediary, working with government and community social service agencies to help people with very long histories of homelessness move into and prosper in supportive housing. The purpose of Pilot is to provide an automated system that enables the consistent collection, management, and reporting of information for the Supportive Housing and Managed Care Pilot.

**Responsibilities:**

* Developed reusable and interoperable Web service modules based on **SOA** architecture using **RESTFUL**
* Developed the service layer, a layer that acts a bridge between the presentation layer and data access layer, with **Spring MVC** framework
* Implemented **Dependency Injection** (IOC) feature of spring framework to inject beans into User Interface and AOP for Logging
* Configured development environment using **JBoss** application server for developer’s integration testing.
* Developed persistence Layer using **Hibernate** to persist the data and to manage the data
* Developed the view-controller components using **Servlets/JSPs**, **JavaScript (jQuery)**, **CSS**, **HTML** and **DHTM.**
* Used **MicroServices** architecture, with **Spring Boot-predicated services** interacting through an amalgamation of **REST, Cassandra** and **MQ** message brokers, tested and deployed Identity micro services.
* Worked on Rest Web services for backend services, used **Couchbase** DB (NoSQL) for database services.
* Developed the **JSON** structure for the data transfer in between the Goggle Web Toolkit (UI) and business tier.
* Developed Hibernate configuration files and queries and Implemented DAO classes.
* Developed the **Enterprise Service Bus** (ESB) as a gateway between the business tier and UI to make the business tier separate from UI.
* Developed unit testing frame work using **JUnit** test cases for continuous integration testing and used JTest Tool for performance testing.
* Used SDK such as Eclipse IDE, Toad, SVN etc. in this project.

**Environment:** Java 1.8, Hibernate, Spring, XML, Tortoise SVN, JSP, DB2, MVC, J2EE, Agile, JUnit, Maven, UML, JAX-WS, JAX-RS, Log4J, Oracle 10g, Spring Boot, Couchbase, Agile methodology, JavaScript libraries such as jQuery, AngularJS, Spring Tool Suite, PL/SQL, JBoss.

**Client: SBC Telecom, Saint Louis, MO. Jul 2015 - Apr 2016**

**Role: Java Developer**

**Description:** This project was implemented to specify all the features and prices of all communication products available in the company. This application was developed with lot of modules like Orders, Trade Quotes, Shipping, Reports and vendor information. It was designed to know all the product features to customers and to vendors. It also includes inventory, Management and Order tracking Information.

**Responsibilities:**

* Involved in entire lifecycle activities of the project including requirement gathering, analysis, design and development and testing and participated in the daily stand-up, Preplanning and Retro meetings as a part of Agile.
* Used Java/J2EE patterns, spring, Hibernate, EJB, SQL Server in developing Web application.
* Implemented web-based system using JSF2.1 Framework and Java script used for client-side validations.
* Developed the Presentation layer using JSF, HTML, JSP and used AJAX/ jQuery-based frameworks for improved customer experience.
* Developed the Business layer using Spring MVC, JAXB modules.
* Worked with Oracle and DB2 servers to maintain database.
* Used Hibernate as ORM tool and defined the mapping and relationship of each table in database.
* Involved in creating, publishing and consuming Web Services using JAX-RS 2.0 API and other technologies like HTTP and REST.
* Worked with defect tracking system JIRA, testing with Junit, Mockito and NUnit testing.
* Worked with IDE as Eclipse Juno and deployed into IBM Web Sphere 8.5 Application Server& used Maven build tool to achieve more functionality for build process.
* Used Git for source control system and Jenkins used for continuous integration.

**Environment:**Java, J2EE, JSF 2.1, Springs MVC, Oracle, DB2, Mark Logic, Spring 3.x, DB2, HTML 5, XML, DOM, JSON, Maven, CSS, Java script, jQuery, Eclipse Juno, Junit, Mockito, RESTful Web services, MYSQL, IBM Web Sphere 8.5 Application Server, Hibernate 4.2, Groovy, LOG4J, Git.

**Client: Nomura Securities, NYC, NY**  **May 2014 – Jun 2015**

**Role: Java Developer**

**Project: Fixed Income Trading System (FITS)**

**Description :** Nomura Securities a leading financial solutions provider for all security types including fixed income, equity, derivatives and currency. The system provides separate order management capabilities for both portfolio managers and traders. This system also allows Sales and Sales Support staff to trade and monitor cross products through one trade blotter. It allows the sales and sales support staff to book trades, change trades, search trades, cancel trades, create custom blotters, create/modify breakdowns and monitor sales-credit mismatches.

**Responsibilities**

* Interacting with clients to analyze the requirements and making enhancements to system.
* Used **Struts framework** as a part of controller component to manage the flow of client requests.
* Involved in the system analysis, design, and development.
* Involved in estimation, Project planning and design documentations.
* Used **Spring framework** to inject **BO and DAO** beans into Struts layer.
* Implemented DAO using **Hibernate ORM** framework.
* Used JDBC to establish connection to database.
* Wrote **Stored Procedures** and Functions in **PL/SQL** for data manipulation and querying.
* Consumed the Web Services and accessed the functions to implement stock look up based on stock symbol, company name and advanced search with date ranges and price limits.
* Involved in the Understanding of the Requirements and Design of the Application and Active involvement in many aspects of the software development life cycle.
* Worked on the consumption side of SOAP based Webservices using AXIS 2.x, SOAP UI
* Involved in **code reviewing and Review Code Documentation** process.
* Used SVN for **source code management**.

**Environment:** Java 1.5, Servlets, JavaScript, Struts 1.2 (MVC, Validation and tiles frameworks), Spring 3.0, Hibernate 3.0, JDBC, SOAP, HTML5.0, CSS, XML, Ajax, jQuery, Oracle11g, PL/SQL, Tomcat, Eclipse 4.0, Maven, SVN, JUnit, log4j, Linux.

**Client: Soft sol, Hyderabad, India Jun 2010 - Mar 2013**

**Role: Java Developer**

**Description:** Enhanced Mortgage Calculator is an online system that calculates the monthly payments based on Current interest rate, loan amount, down payment, additional principal and the number of months to pay this Mortgage and it can help users to decide which monthly budget plan is better for them**.**

**Responsibilities:**

* Planning, analysis, design and implementation of different modules using **Agile (Scrum) Methodology.**
* Involved in **Daily Scrum meetings**, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Developed the UI by using **HTML, CSS, jQuery, JavaScript** and **Ajax**.
* This Application was developed using **Spring-MVC** and **IOC/Dependency Injection** integrating different layers of the application.
* Communicating with different web Services by using **Spring Integration**.
* Wrote **Hibernate classes, DAO’s** to retrieve & store data, configured **Hibernate files.**
* To maintain loose coupling between layers published the business layer as services and injected the necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP**.
* Used **Spring Security** for Authentication and Authorization of the application.
* Implemented **Restful** web services using **JAX-RS** annotations, **Jersey** as provider and implemented security using **OAuth.**
* Consumed **SOAP** and **Restful web services** in **SOA** environment and used **SOAP UI** for testing.
* Consumed Web Services to interact with other external interfaces in order to exchange the data in different forms by using **Restful service**.
* Extensively used **JSON** to parse the data from server side to satisfy the business requirement.
* Developed **Java Persistence API (JPA)** through **Hibernate and** Worked on **Hibernate** and **Spring-JDBC** in development of DAO Layer.
* Responsible for designing **Hibernate mapping** files based on business logic and Object relationships.
* Extensively used **HQL** and **SQL** for querying databases.
* Established Database Connectivity using **Hibernate** for **IBM DB2.**
* Packaged and deployed the application in **Web Sphere Application Server**.
* Written **LINUX** shell scripts to identify user login information.
* Used **Log4J** for application logging and notification tracing mechanisms.
* Used **Maven** tool for building and deploying the Web applications.
* Analysis and Bug fixing of the production problems and defects along with enhancements
* Implemented **JUNIT** test cases for unit testing and Suites for end to end testing.
* Used **JIRA** for tracking the Project Stories and used **Git** as version control tool.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, jQuery, Ajax, JSON, XML, Spring MVC, Hibernate, Restful, SOAP, HQL, SQL, Web Sphere Application Server, IBM DB2, JNDI, Maven, UML, JIRA, Git, LINUX and Eclipse.