**Shireesha**

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**Professional Summary:**

* Proficient Over 8+ years of experience in software design and development with a strong **Java,** **JEE** back ground and UI Development.
* Experience of enterprise level application development with **Java** centric technologies in the domain of Banking and Insurance, Healthcare.
* Experience in working in both Windows, Linux and **UNIX** platforms including programming and debugging skills in UNIX Shell Scripting.
* Good working knowledge of **J2EE** best practice toolsets such as **Ant**, **Maven** **3.5.0**.
* Employing Java Object/Relational bridge technologies such as **Hibernate** **ORM 5.0.2, JPA,** and **spring**.
* Good knowledge in **OOPS, core Java concepts,** **Collections, Exception handling, Multi-Threading,** **Generics, IO and Serialization.**
* Developed applications using frameworks and **API** like **Struts 4.2.0, Spring MVC.**
* **JAVA/J2EE** development experience in server side and client-side programming.
* Extensive experience in Java/JEE programming **JDBC, Servlets, JSP, JSTL, JMS.**
* Experienced in Web Services approach for Service Oriented Architecture (SOA).
* Experienced in web development using **HTML5, DHTML, XHTML, CSS3, JavaScript,** **Angular JS, Angular 4** and **AJAX** technologies.
* Good experience in creating, modifying and enhancing both manual Test cases and **Test Scripts** created in **Selenium Web driver** with Test NG and **Junit frameworks**.
* Developed applications based on Model-View-Controller (**MVC**) architecture using core design patterns (creational, structural, behavioral) and JEE design patterns (Data Access Object, Business Delegate, Service Locator etc..).
* Sound working knowledge of performance tuning in **JAVA** and **J2EE** including hibernate tuning.
* Experience in using various Configuration Management tools like **CVS**, **GIT** and **SVN**.
* Experience in using **ANT** tool Maven to compile, package and deploy the components to the Application Servers.
* Strong experience in XML related technologies including **XSD, DTD, XSLT, XPATH,** **DOM, SAX, JAXP, JAXB, XML-RPC** and **XML** Beans.
* Expertise in developing and consuming Web services including different technologies and standards like **DTD**, **XSD**, **SOAP**, **WSDL**, **JAX-RPC**, **JAX-WS**, **WS-I** and Apache Axis.
* Good knowledge in Restful Web Services, VMware vSphere API.
* Good Knowledge of using IDE Tools like **Eclipse**, **NetBeans**, **JBuilder**, Rational Application Developer (**RAD**) for Java/JEE application development.
* Experienced in using Operating Systems like Windows **XP/7/8**, **AIX**, and Sun Solaris.
* In-depth knowledge of **PL/SQL** with the experience in constructing the triggers, tables, functions, user defined data type, procedures etc.
* Proficiency in working with databases like **Oracle**, **MySQL**, **MongoDB**, **NoSQL**.
* Experience in using testing Tools **JUnit**, **Selenium**, **Cucumber/Jenkin**.
* Developed a fully automated **continuous integration system** using **Git, Jenkins, MySQL** and custom tools developed in **Python**.
* Exposure to **Oracle**, **DB2**, and **MySQ**L databases in developing applications using SQL Scripts, Stored Procedures.
* Experience using an Integrated Development Environment like **Eclipse**, **RAD 7.5/8.5** for code development.
* Extensive experience on support tools like Application Life Cycle Management to perform Unit testing and Application integration testing.

**Technical skills:**

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| **Languages** | Java, UML, SQL, PL/SQL, C, Python. |
| **Core Java** | Data Structures, Collections, Generics, Serialization Reflections,  Concurrency/Multithreading, RMI, Swing. |
| **J2EE Technologies** | JSP, JMS, JB, Java Servlets, JDBC, Angular JS |
| **J2EE MVC Frameworks** | Struts, Spring Core, Spring MVC, Spring DAO, JSF |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSL, XSLT, XSD, XHTML, SOAP. |
| **Scripting Languages** | JavaScript, jQuery, Ajax. |
| **ORM Frameworks** | Hibernate, JPA, DAO |
| **IDE’s** | Eclipse, JBuilder, IBM RAD and NetBeans |
| **Operating Systems** | Windows 98/2000/XP/Vista/7/8, UNIX, Oracle Solaris, Linux |
| **Testing** | Junit |
| **Web Services** | SOAP, Spring REST, JAX-RPC, JAX-RS, JAX-WS |
| **Application Servers** | Oracle WebLogic, IBM WebSphere, JBoss and Apache Tomcat. |
| **Design Patterns** | MVC, Singleton, Factory, Pattern, Session Facade, Business  Delegate, Service Locator, DAO, Front Controller. |
| **Batch Scripting** | Maven, Ant and Gradle |
| **Design Methodologies** | RationalUnifiedProcess, Agile, Scrum, Test Driven Development,  Rapid Application Development. |
| **Database** | Oracle, DB2, MySQL, MongoDB, Microsoft SQL Server 2008 |

**Professional Experience:**

**Sony (SCEA), Foster City, CA Jan’2018 – Till Date**

**Full Stack Developer**

**Responsibilities:**

* Involved in the analysis, design, development and system and integration testing phases of Software Development Lifecycle **(SDLC**).
* Followed Agile Scrum Methodology to analyze, define, and document the application which will support functional and business requirements.
* Developed Dashboards and UI pages with **JSP**, **HTML5, CSS3, JavaScript**, **jQuery**, and used **Bootstrap** to create Responsive Web pages.
* Participated in all phases of **SDLC** like Requirements Analysis, Design, Implementation, Testing, and Deployment.
* Extensive experience in Java/J2EE programming - **JDBC, Servlets, JSP, JSTL, JM Scala**.
* Proficiency in **core java concepts** like **Threads, Exception handling, Generics,** **Strings** etc.
* Developed **AWS** cloud formation templates and setting up Auto-scaling for **EC2** instances and involved in the automated provisioning of AWS cloud environment using Jenkins
* Developed server-side software modules and client-side user interface components deployed entirely in Compute Cloud of Amazon Web Services (**AWS**).
* The responsibility of maintaining and developing server-side code with **JavaScript** and **Node.js** runtime environment.
* Expertise on **Apache Camel** and **Apache Kafka** frameworks.
* Implemented Single Page Design and customized directive and filter criteria by using **Angular4**, which can allow data binding to specific views and synchronize the data with the server.
* Performed Restful routing using **Node.js** which submits my form data to the **Mongo DB** database.
* Used Docker for managing & running the applications within containers.
* Implemented Restful Web Services using Spring and used **Spring Boot** for microservices& consumed services using **Spring REST** template.
* **Angular4** was used to parse the **JSON** file using the REST Web services.
* Developed the Azure Active Directory (**AAD**) authentication and OAuth authorization for API security.
* Implemented RESTful services using **Spring Boot** framework from scratch.
* Familiar with MongoDB write concern to avoid loss of data during system failures and implemented read preferences in **MongoDB** replica set.
* Managed servers on the Amazon Web Services (**AWS**) platform instances using Chef configuration management.
* Performed configuration, deployment and support of cloud services including Amazon Web Services (**AWS**).
* Launch various **AWS EC2** instance to deploy the various application and maintained for production servers.
* Used **Tomcat** **server** for the application development and deployment and **JIRA** for issue tracking.
* Used **Git** for Source Control and Version Management of all codes and resources.
* Coordinated with the onsite team for requirement transition and providing the necessary inputs required for successful execution of the project.
* Development of test framework using the **Python.**
* Parsers written in **Python** for extracting useful data from the design data base.
* Extensively worked with **Servlets** and **Struts** based multi-tier applications in developing **J2EE** Components.
* Used **ANT/TestNG** to build and run the **Selenium** WebDriver automation framework.
* Applications developed in **Eclipse** **IDE** with Java, Google Web Toolkit, Hibernate, CSS, **JBoss**, HTML& Oracle DB.

**Environment:** AWS, Java/J2EE, EC2, VPC, S3, Redshift, HTML5, CSS3, JavaScript, jQuery, JSP, XML, Ajax,

Angular4, Node.js, Restful Services, Java 8, Spring MVC, Spring Core, Spring Boot, Multithreading, Hibernate,

Oracle, Docker, JMS, MongoDB, Scala, Apache Tomcat Server 9.0, Shell Scripting, Microsoft Azure,

Subversion, Maven, AWS, Puppet, Jenkins, JUnit, TDD, Log4j, Eclipse, JIRA.

**Delta Dental, Chicago, IL Jan’2017 – Dec’2017**

**Sr. Java Developer**

**Responsibilities:**

* Deployed multitude applications utilizing almost all the AWS stack focusing on high-availability. Used AngularJS as the development framework to build a single-page application.
* Used Bulk Collections for better performance and easy retrieval of data, by reducing context switching between **SQL** and **PL/SQL** engines.
* Participation in **Systems Development Life-Cycle (SDLC)** and great ability to write clear, reusable, well maintained, documented and efficient code for web development.
* Involved in **Core Java coding by using Java APIs such as Collections, Multithreading, Exception** **Handling** and **Java I/O** to fulfill the implementation of business logic.
* Developed facilities for stripping long error messages from minified JavaScript code for **AngularJS**.
* Designed and developed the application using Agile methodology, Wrote Technical design documents, Implementation plans and testing documents for the requirements.
* I have built web servers with single-page apps in **Angular** and **jQuery**.
* Developed web pages using **HTML5**, **CSS3**, **JavaScript**, **JSON**, jQuery, apache Kafka.
* Wrote client-side UI Validation and implemented Business logic based on user selection using jQuery and **JavaScript**.
* Implemented **Restful Web Services** using **Spring** and used **Spring Boot** for microservices& consumed services using **Spring REST** template.
* Excellent work experience in **UML Modeling** macro micro level design using **RSA IBM Rational** Software Architect.
* Used **JDBC** **API** for invoking stored procedures in the database.
* Used Spring **MVC** framework at the front end and configured many beans and wired (dependency injection) them as per the requirement.
* Consumed **RESTful** Web Services to implement **AJAX** calls and updating dynamic functionality of HTML in JavaScript, jQuery and **Angular**.
* Developing Dockerized **payment processing microservices** and **applications** utilizing **Scala**.
* Designed Frontend with object-oriented JavaScript Framework like **AngularJS.**
* Experience in **Data Driven Testing**, **Cross browser testing** and **Parallel Test Execution** using **Selenium WebDriver**, **TestNG** and **Selenium Grid**.
* Implemented business logic using Spring service layer and Spring DAO layer using Spring Framework.
* 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.
* Extensively used IBM Rational tools such as **RSA Rational Software Architect, ClearCase.**
* Migrated the existing web application from using **DB2** data to calling the **REST API** services.
* Developed application service components and configured beans using **Spring IoC**, creation of Hibernate mapping files and generation of database schema.
* Used the light weight container of the Spring Frame work to provide architectural flexibility for inversion of controller (**IOC**).
* Created and modified build configuration files including Mavens POM.xml.
* Prepare the **Azure cloud** infrastructure **Azure** Resource Manager Templates.
* Used **Hibernate** as **ORM** tool for object data persistence.
* Developed various Database interaction objects by implementing the DAO Patterns and used **JDBC** as Model Component.
* Implemented Spring and Persistence object Java Persistence API (**JPA**).
* Good knowledge of Spring's IOC, **AOP**, **Spring** **MVC** and spring's integration with Hibernate and Struts technologies.
* Worked on developing restful web services as part of migrating the existing applications to be separate entity and be accessed by **REST** **API**.
* Wrote **Junit test cases** to test the Spring **DAO** Managed Hibernate for accessing and persisting data between Java objects/classes and a relational database.
* Designed and maintained databases using **Python**.
* Wrote complex queries for reports to get the data in the Data tables using **DB2**.
* Supported the application on different environments from Test to Production environment. Analyzed the issues and fixed the defects assigned to me by the users.

**Environment:** J2EE/J2SE, Spring, Hibernate, spring boot, CSS3, XML, HTML5, Core Java, python, JavaScript,

PL/SQL, AWS, JSON, jQuery, TFS, ORM, DB2.

**Fifth Third Bank, Cincinnati, OH Jan’2016 – Dec’2016**

**Java Developer**

**Responsibilities:**

* Involved in all phases of **SDLC** including requirements collection, design & analysis of the client specifications, development and customization of the generated forms from application.
* Followed Agile Methodology in analyzing, defining, documenting and developing the functional and business requirements of various clients.
* Used Spring Model View Controller Framework and achieved Dependency Injection using Spring IOC.
* Experience in **UML Modeling** Sequence diagrams, Class diagrams, Activity Diagrams in macro micro level design using RSA **IBM Rational Software** Architect.
* Developed DAOs (**Data Access Object**) using Hibernate as ORM to interact with DBMS-Oracle 10g.
* Web services are implemented under Restful architecture and they are consumed by clients.
* Designed and developed front end of the application using HTML5, CSS, jQuery and AJAX.
* Development of test framework using the **Python**.
* Used Extensible Style sheet language (**XSL**) to transform and render XML documents and XPath to address the parts of **XML** document.
* Extensively worked with **Java Collection Classes** like **List, Set and Map**.
* Involved in developing mapping of fields in the forms generated from the data of source application.
* Extensively used IBM Rational tools such as **RSA** Rational Software Architect, **RPM** Rational Portfolio Manager, Rational **ClearQuest SIT** defect tracking system and **ClearCase** for the quality process.
* Used **Multithreading** for complex data computations and analysis.
* Experience in working with **Eclipse** IDE.
* Back end coding and development using Java Collections including Set, List, Map, **Multithreading**, **Servlets**, Action, Action Forms, Java beans, Exception Handling etc.
* SVN is used for **version control**.
* Experience on working in Cloud Services of **Azure** and **AWS**.
* Developed automation test scripts using **Selenium Web Driver** and **Java**.
* Involved in Unit, integration and QA testing and documenting the results.
* Used **JSON** to specify various rules that needs to be applied while generation of online forms.
* Used Oracle database for developing the configuration and storing the meta data of client forms.
* Database development also required the creation of new tables, stored procedures, functions, indexes, triggers and constraints.
* Performed **database modeling, design** and implementation of **DB2**.
* I worked on a task to decrease database load for search and moved some part of search to Elastic Search engine
* **Log4j** utility is used to generate logs.
* Worked on solving the production tickets from clients.
* Working with QA team and fixed QA bugs with quick turnaround time**.**

**Environment:** Java, J2EE, Spring, Struts, JSP, AJAX, HTML, Tomcat 6.0, Oracle 11g, Maven, Edit plus,

Eclipse IDE, JUnit, WSDL, Web Services, Selenium, spring boot, TOAD for Oracle 11, Lotus Notes.

**United Health Group, Bengaluru, India June’2012 – Aug’2015**

**Java Developer**

**Responsibilities:**

* Implemented the front-end using **HTML**, **XML**, **CSS** and JavaScript, **AngularJS**, jQuery, **AJAX** for dynamic web content.
* Worked across multiple modules including user administration.
* Worked in an **Agile** Environment used Scrum as the methodology wherein I was responsible for delivering potentially shippable product increments at the end of each Sprint.
* Used **MVC** architecture throughout the project.
* Used **Apache** **Maven** to build projects.
* Worked with **core java** concepts like **Collection, and multithreading**.
* Implemented Services using **Core Java**.
* Experience in development of **classes** using **Struts Framework**.
* Log4j were used to log the various debug, error and informational messages at various levels.
* XML parsing by using **JAXB** for XML Schema Validation.
* Developed serverside application to interact with database using **Spring Boot** and **Hibernate**.
* Created test cases, test plans, tested API's, wrote **JUnit** test cases, executed code coverage and wrote automation scripts using **Selenium WebDriver**.
* Consumed **SOAP** & **REST** based web services to transfer information.
* **Maven** was used to manage dependencies in the application and deploy it on Web sphere Application server.
* HP lifecycle management for defect tracking.
* **CVS** was used for the version control.
* Instrumental in fixing the bugs that are found in production and test it thoroughly before moving the same into production.
* Experienced in educating and mentoring the users and developers about the **DB2** best practices.
* Followed TDD and wrote unit test cases using **JUnit**.

**Environments:** Java/J2EE, Spring 3.1, Maven, jQuery, HTML, JavaScript,AngularJS, Spring MVC, XML,XSD,

Structs, core java, CSS**,** Log4j, spring boot, JavaScript**,** Apache Tomcat, JUnit, Selenium WebDriver, HP

lifecycle management, MyEclipse, DB2.

**XT Global, Hyderabad, India June’2010 –** **May’2012**

**Jr. Java/Intern**

**Responsibilities:**

* Involved in development, testing and maintenance process of the application.
* Used **Struts** framework to implement the **MVC** architecture.
* Extensively used MVC architecture and **JBoss** for deployment purposes.
* Created JSP, Form Beans for effective way of implementing Model View Controller architecture.
* Created Session Beans, Entity beans for transactions with the database using JDBC.
* Developed necessary **SQL** queries for database transactions.
* Developed and maintained the application configuration information in various properties files.
* Designed and developed **HTML** front screens and validated user input using JavaScript.
* Used Cascading Style Sheets (**CSS**) to give a better view to the web pages.
* Developed web pages using **Servlets**.
* Used **Apache Tomcat** application server.
* Scheduled execution of procedures using Unix Shell Scripts for updating of tables.
* Develop and deploy reporting engine process using **multithreading**.
* Implemented various complex **PL/SQL** queries.
* Used **Eclipse** for code development along with CVS for managing the code.
* Interacted with Business Analysts to come up with better implementation designs for the application.
* Interacted with the users in case of technical problems & mentoring the business users.
* Implement the best practices and performance improvement / productivity plans.
* Used Java Message Service (**JMS**) for reliable and asynchronous exchange of essential information, such as loan status report.
* Used **JUnit** for debugging, testing and maintaining the system state.

**Environment:** Core Java, Multithreading, J2EE, Struts 1.1, JSP 2.0, JMS, JavaScript, CSS, HTML, XML,

JBoss, Apache Tomcat, Servlets, Eclipse, Oracle 9i.