**Shireesha**

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**Professional Summary**

* Proficient Over 7+years of experience in software design and development with a strong **Java,** **JEE** back ground and UI Development.
* 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**.
* 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.
* 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.
* Have rich experience in databases like Oracle 11g, **Sql server** and **MySQL**.
* 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**.
* 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 |
| **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, TypeScript. |
| **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 – Jan 2019  
Sr. 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.
* 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.
* 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.
* Experienced in continuous delivery pipelines for deploying Microservices and **lambda** functions using **CI/CD Jenkins** server.
* 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.
* Installed and configured MySQL-multi to manage multiple **MySQL** servers on single host.
* Extensively worked with **Servlets** and **Struts** based multi-tier applications in developing **J2EE** Components
* 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, Docker, JMS, MongoDB, Apache Tomcat Server 9.0, Shell Scripting, TypeScript, Microsoft Azure, Subversion, Maven, AWS, My sql, Puppet, Jenkins, JUnit, TDD, Log4j, Eclipse, JIRA .

**Client: Delta Dental, Chicago, IL Jan’2017 – Dec’2017  
Full Stack 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.
* Defined strategic initiatives on Continuous Integration and Delivery (**CI/CD**) model in the AGILE development environment to help, respond quickly to business needs.
* 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.
* Used **Apache Camel** to integrate Micro-services and **RabbitMQ** messaging exchanges.
* 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**.
* 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**.
* Designed Frontend with object-oriented JavaScript Framework like **AngularJS**
* Implemented business logic using Spring service layer and Spring DAO layer using Spring Framework.
* Integrated Spring and Hibernate, configured logging and developed exception handling for the application.
* 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.
* Migrated the existing web application from using **DB2** data to calling the **REST API** services.
* Used **Ajax**, **JSON** with jQuery for request data and response processing.
* Analyzed the **Maven** dependency management in the base code to annotate the dependencies on to **Spring Boot** application into **Gradle** for **Micro 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.
* 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.
* Assisted **Java-MySQL** project, worked on ETL mechanism to migrate and merge previous Database with new Database.
* Implemented MySQL utilities for setup, test, switchover and failover.
* 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, Apache camel, CSS3, XML, HTML5, Core Java, JavaScript, PL/SQL, AWS, JSON, jQuery, Spring boot, TFS, ORM, DB2, MySQL.

**BB&T Bank, Winston Salem, NC April’2015 – 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.
* Implemented request and response objects using **SOAP** web services and created routes using **Apache Camel**.
* 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.
* Used Extensible Style sheet language (**XSL**) to transform and render XML documents and XPath to address the parts of **XML** document.
* Involved in developing mapping of fields in the forms generated from the data of source application.
* Experience in working with **Eclipse** IDE.
* Worked with **CI/CD** Principles According to Organizational Standards.
* 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.
* Implemented **Restful Web Services** using **Spring** and used **Spring Boot** for microservices& consumed services using **Spring REST** template.
* 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.
* 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, Apache camel, Edit plus, Eclipse IDE, **JUnit**, WSDL, Spring boot, Web Services, TOAD for Oracle 11, Lotus Notes.

**Persistent Systems, Pune, India June’2013 – Dec’2014 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.
* Good hands on experience in implementing **Microservices** with **Spring Boot**.
* Used **Apache** **Maven** to build projects.
* Log4j were used to log the various debug, error and informational messages at various levels.
* XML parsing by using **JAXB** for XML Schema Validation.
* 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.
* Followed TDD and wrote unit test cases using **JUnit**.

**Environments:** Java/J2EE, Spring 3.1, Maven, jQuery, HTML, JavaScript,AngularJS, Spring MVC, XML,XSD, CSS**,** Log4j, JavaScript**,** Apache Tomcat, JUnit, HP lifecycle management, MyEclipse.

**Pramati Tech, Hyderabad, India June’2011 – May’2013****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.
* 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, Eclipse, Oracle 9i.