**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 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.
* Have experience with **React Js** environment even. We create some user interfaces according to the requirements of the Clients.
* 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 5, BPM** and **AJAX** technologies.
* Expertise in creating Custom Reusable **React Components** Library.
* 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.
* Hands on experience with configuring IDP initiated and SP initiated **SAML** profiles with different bindings like **POST, Artifact**, and Redirect as per the custom business and security requirements.
* 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.
* Sound knowledge in use of build tools such as **Apache Ant, Maven, Jenkins** and project tracking tools like **JIRA**.
* 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.
* Designing and developing business process using **Oracle BPM**.
* Use **React JS** Framework to design layouts in developing an application.
* Helped with rewrite of a product using **React, Redux,** and **Web pack**.
* Extensive experience in designing UI using **Oracle ADF** Faces components, J developer 11g/12c.
* 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.
* Package. JSon file was configured by getting all the development dependencies using **NPM**.
* 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.
* Coded in **Angular5 MVC** framework to build the Web application for the internal use of the organization.
* Created roadmaps for the **Cloud Bees** **Jenkins** Private **SAAS** Edition implementation on internal AWS platform as part of Digital platform delivery.
* Created smart navbar system in **typescript** that would retain a client context across multiple web applications.
* Application was built on MVC architecture with **JSP 1.2** acting as presentation layer, **Servlets** as controller.
* 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.
* Analyzed the **Maven** dependency management in the base code to annotate the dependencies on to **Spring Boot** application into **Gradle** for **Micro Services**.
* Used tools such as **NPM** for managing JavaScript dependencies and used **Gulp, Grunt,** Webpack for packaging and as JavaScript task runner for angular template caching, Less/Sass to **CSS** compilation, concatenation, minification, bundling of CSS and JavaScript.
* Followed TDD and wrote unit test cases using **JUnit**.
* 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, React.js, Restful Services, Java 8, Spring MVC, Spring Core, Spring Boot, Multithreading, Hibernate, Oracle, Docker, BPM, JMS, MongoDB, Scala, Apache Tomcat Server 9.0, Shell Scripting, Nosql, Microsoft Azure, Subversion, Maven, Cloud bees, AWS, Puppet, Jenkins, JUnit, TDD, Log4j, Eclipse, JIRA .

**Client: 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.
* 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**.
* Implemented Micro Services **SOA** and **OAuth** Server with **SAML IDP** Authentication
* Developed web pages using **HTML5**, **CSS3**, **JavaScript**, **JSON**, **React.js,** 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.
* 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.
* Create images, styles, metaphors for web UI using **HTML5**, including tree views, paging, advanced editing controls.
* 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.**
* 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.
* Configured Web Application Context as a Context Listener in the **web.xml** file to Integrating **Spring** with **JSF**.
* 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**).
* Install **node.js** drivers in **NodeJS** using **NPM** (Node Package Manager) commands ($ npm install ...)
* Involved in End to end application development using **Html5, Angular5** as front end and Spring **Hibernate** as backed technologies.
* Created and modified build configuration files including **Maven**s 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.
* Proficient with **JBOSS, WebLogic, Tomcat** Application Server.
* 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.
* Used **Web sphere Message** broker like WESB to create mediation or route message between Services and handling the message format.
* Performed **Oracle SOA** Suite and **Oracle BPM** Suite configuration, monitoring, and management tasks using Oracle Enterprise Manager Fusion Middleware Control.
* Driving change with the development and IT Operational Teams to adopt Continuous Integration and Continuous Delivery with iterative Agile project delivery and DevOps tools (**Bitbucket, Pivotal cloud Foundry, Docker, Cloud Bees Jenkins, Artifactory, Puppet, cloud platform** and Chef)
* Experience with **NOSQL** Database such as Couch base. Data modelling, establishing connection with Couch base and providing API layer to integrate with to **create, update, read, and delete** documents from database.
* Worked on Build and deploy tools like **Jenkins, Maven and ANT**.
* Proficient in using RDBMS concepts with **Oracle 9i/10g, DB2** and **MySQL**.
* 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, CSS3, Cloud bees, XML, HTML5, Core Java, python, JavaScript, PL/SQL, AWS, JSON, jQuery, spring boot, BPM, Junit, Maven, node.js, Typescript, TFS, HTML5, ORM, DB2.

**Fifth Third Bank, Cincinnati, OH Apr’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.
* Good hands on experience in implementing **Microservices** with **Spring Boot**.
* 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**.
* Developing Single page application (SPA) using the latest technologies like **Angular5, Typescript**, **Bootstrap, JavaScript, CSS3, HTML5.**
* Involved in developing mapping of fields in the forms generated from the data of source application.
* Developing Dockerized **payment processing microservices** and **applications** utilizing **Scala**.
* Created Spring MVC components like **Dispatch servlets**, configure Request mapping annotation controllers, view resolver components and implemented transaction management using Spring declarative transaction management with **Spring AOP** concepts.
* Developed **microservices** using **Spring Boot** and published as **Restful API'S**.
* Used **Multithreading** for complex data computations and analysis.
* Created and managed **AJAX** calls in the application, integrated with the **JSF** controls.
* Experience in working with **Eclipse** IDE.
* Included **jQuery** and **ReactJS** in **node.js** using **NPM** (npm install jQuery) and used **jQuery** and react components in **node.js**.
* 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**.
* Used **Maven** to build war and ear files to deploy on **Web logic Server** and used **Jenkins** for continuous integration.
* 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.
* **JBoss** was used to deploy the application.
* Good experience with **Cassandra NoSQL** Database.
* **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, spring boot, Selenium, Jenkin, spring boot, HTML5, TOAD for Oracle 11, Lotus Notes.

**United Health Group, Bengaluru, India June’2013– Dec’2014**

**Jr. 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 server-side 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**.
* Experienced in deploying **J2EE components** on IBM WebSphere application server.
* 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.
* Written unit tests using **JUnit** for correctness of the compiler.
* Utilized Continuous Integration with **Jenkins**.
* 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.

**Environments:** Java/J2EE, Spring 3.1, Maven, jQuery, HTML, JavaScript,AngularJS, Spring MVC, XML,XSD, Structs, core java, CSS**,** Log4j, spring boot, JavaScript**,** Jenkin, Apache Tomcat, JUnit, Selenium WebDriver, HP lifecycle management, MyEclipse, DB2.

**XT Global, 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.
* 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.

**Education Details:**

**Masters:** Master’s in computer science - Campbellsville, KY, USA- 2019.

**Masters:** Master’s in computer science - SVU, California, USA - 2017.