**Dhirendra Raj Giri**

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**Full-Stack Java Developer**

**SUMMARY**

* **Full Stack Java Developer** with around **7 years** of experience in IT industry working with object oriented programming, design and development of Multi - Tier distributed, Enterprise applications using **JAVA and J2EE** technologies with **Software Development Life Cycle (SDLC)** in various Domains.
* Good exposure to the entire **Software Development Life Cycle (SDLC)** methodologies like **Waterfall, Agile/Scrum** viz. Requirements Collection, Design, Implementation and testing activities. Also had experience in involving in complete SDLC life cycle till post production in multiple projects.
* Expertise in software design patterns/frameworks **J2EE Design Patterns (MVC,** Business Delegate, Service Locator, Data Transfer Objects and Data Access objects**)** and **GOF** Design Patterns (Abstract Factory, Factory Method, Singleton, Session Factory, Template Method, Strategy Pattern)
* Experience with various J2EE design patterns like Command, Factory, Observer, Front Controller, **DTO**, **DAO**, **MVC**, **SOA, Micro Services, Session Facade**, **Business Delegate**, **Service Locator**, **Transfer Object**, and View Object in the development of enterprise applications.
* Extensive programming experience in **Core Java** concepts including **Multi-Threading**, **Exception Handling**, **Collection API**, Object Oriented Programming (**OOP**s) concepts like **Polymorphism, Inheritance, Abstraction, Encapsulation**…etc.
* Extensive experience in system analysis, design, development and implementation of web based application using **HTML5**, **CSS3**, **JavaScript/ECMAScript/JScript**, **Angular JS**, **Angular 2**, **Node JS**, **React JS**, **AJAX**, **jQuery**.
* Good knowledge in Configuring, Monitoring and automating Confidential as well as involved in deploying the content cloud platform on Confidential using **EC2**, **S3**, **SQS**, **SNS** and **EBS**.
* Experienced in developing the Enterprise and Web applications on n-tier Architecture using **Java/J2EE** and java based technologies such as **Servlets**, **JSP**, **Hibernate**, **Spring**, **EJBs**, **Struts**, **JNDI**, **Web Services**, **XML**, **JPA**, **JMS** and **JDBC**.
* Experience in developing light weight business component and integrated applications using **spring framework** using features like **Inversion of Control (IOC)** and configuring application context for **spring bean factory**.
* Extensive experience in designing, developing and implementing Model View Controller (MVC2) using **Struts**, **Spring** Framework, **Hibernate ORM** framework.
* Extensive Design, implement and test services experience in a **Micro Service**-oriented architecture and has implemented the **REST** based **Microservices** using the **Spring Boot**, **Spring Data** with **JPA** (Java Persistence API).
* Expertise in deploying applications on **Application Servers** and **Web servers** - **IBM WebSphere**, **BEA WebLogic**, **JBoss, Apache Tomcat**, and **Glassfish** System Application Servers.
* Worked with testing team to understand test cases and created processes, using stored procedures and **SSIS** packages to automate **SSRS** testing.
* Strong working knowledge on Relational and NOSQL databases like **MS-SQL, Oracle 12c/ 11g/ 10g/ 9i/ 8i, MongoDB, Sybase, MySQL, CouchDB, Cassandra, PostgreSQL, Redis, Teradata**.
* Experience in implementing Web Services based on **Service Oriented Architecture** (**SOA**) and Monolithic architecture using **SOAP**, **Restful** Web Services, **JAX-WS, UDDI, WSDL, WADL**.
* Good familiarity with **Spring AOP** for **Logging**, Transactions and **Messaging**.
* Good working knowledge on XML technologies with **JAXB** and **JAXP**, **XSD**, **SAX**, **DOM** parsers.
* Experience in **LDAP** for authentication scheme and in **middleware** technologies, **MQ Series**.
* Hands-on experience with **Eclipse**, **Cloud Foundry** and source control tools like **Git**, **Bitbucket**, **Stash**
* Experience in working and good understanding of Cloud Modules like **Infrastructure as a Service (IaaS) Platform as a Service (PaaS), Software as a Service (SaaS)** and IT web Apps.
* Experience working with cloud technologies like **Confidential** (**AWS**), Microsoft **Azure**, **Google** cloud, **RackSpace** etc., **Big Data** with **Hadoop, MapReduce** and **NoSQL** databases like **Cassandra**, **MongoDB**, **CouchDB**, **PostgreSQL**, **HBase**, **Oracle NoSQL** database…etc.
* Experience in implementing the various services using **Microservices** architecture in which the services working dependently, implemented **Spring Boot Microservices** to divide the application into various sub modules.
* Strong experience in Spring modules -Spring **MVC, IOC, AOP, JDBC, JTA, IO,** Spring **Boot,** Spring**, Microservices,** Spring **REST,** Spring **Eureka,** Spring **Ribbon,** Spring **Netflix.**
* Experience in **Microservices**-Spring **Boot**, **Pivotal Cloud Foundry (PCF)** and Engagement using **Spring Boot**.
* Strong familiarity with **Python**, **Docker**, Linux, Configuration Management, **Jenkins**, **PostgreSQL**, **Redis**, Flask, **PaaS** / **IAAS**.
* Extensively worked on **NPM** (node package manager) in **Node JS** to install and manage packages.
* Good working experience on bug tracking tools like **JIRA, CRM, Bugzilla, Remedy** and **qTrack** in testing phase**.**
* Hands on working experience on building and deploy tools - **Ant, Gradle** and **Maven** with **Hudson** and **Jenkins** build
* Strong understanding on working with SCM/Version Control Management tools **Clear Case**, **SVN**, **CVS**, **VSS** and **PVCS**.
* Expertise in working with Integrated Development Environment (IDE) tools such as **My Eclipse, KOMODO, Eclipse**, IBM **Web Sphere** Studio Application Developer (**WSAD**), Rational Application Developer (**RAD**), Oracle **JDeveloper** and **NetBeans**.
* Extensive experience in working on **design, development, testing, implementation, deployment, enhancements & production** support in **Linux/Unix** and **Windows** environments/Platforms.
* Highly motivated self-starter with Excellent Communication, Presentation, and Problem-Solving Skills and committed to learning modern technologies.
* Excellent analytical and critical thinking, creative problem solving, quick learning, interpersonal and client interfacing skills.

**TECHNICAL SKILLS**

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| **Programming** | Java/J2EE (JSP, Servlets, JSTL, and other java related technologies.) |
| **Scripting** | jQuery, JavaScript, Shell Script |
| **Frameworks** | Spring (MVC, AOP, ORM, Web Service, DAO, Social, Security, etc.), Hibernate, Bootstrap, Struts, Tiles, DWR (Direct Web Remoting), Apache camel, Spring Data JPA , GWT, AngularJS, Angular 2&7, ReactJS, Microservices |
| **IDE** | Eclipse, IntelliJ, NetBeans, IBM Rational Application Developer (RAD) |
| **Web Technologies** | HTML/HTML5, CSS, SSL, XML, AJAX, Web Services, REST |
| **Web Servers** | JBoss, Web logic, Web Sphere, Tomcat, Jetty, Apache |
| **Databases** | Oracle, MySQL, MSSQL Server, Sybase, PostgreSQL, Cassandra, Mongo DB |
| **Database Tools** | SQL Developer, DB Artisan, TOAD, MSSQL Server Management Studio |
| **Reporting Tools** | Jasper Reports, BIRT, Crystal Reports |
| **Build Tools** | Gradle, Maven, ANT |
| **Other Tools** | JIRA, Confluence, Bamboo, Sonar, Fisheye |
| **Version Control** | Git, SVN, CVS |
| **Operating Systems** | Windows (XP, 7, 8/8.1, 10), Linux, Unix |

**PROFESSIONAL EXPERIENCE**

**3M- Maplewood, MN March 2018 – Present**

**Role: Java Developer**

* Developed Web services for sending and getting **Xml/Json** format data from finance applications using **SOAP/Restful services**, such as Loan Applications, to transfer data from different vendors site to backend and vice a versa.
* Participated in the design, development and support phases of the **Software Development Life Cycle** (SDLC).
* Used **Agile methodology**; as a member of an Agile Scrum team, participated in daily stand-ups, bi-weekly planning, Demo-Retro meetings and Story Boarding sessions with **Test-Driven Development** (TDD) and Pair Programming.
* Analyzed and designed application using various object-oriented programming features like **encapsulation, inheritance, polymorphism, and multithreading**.
* Developed Web Services to transfer data between client and server, and vice versa, using **REST**, **WSDL**, and **UDDI**.
* Designed and developed XML configuration-based **Spring REST** web services using **Spring REST** framework.
* All the functionality is implemented using **Spring IO / Spring Boot** and **Hibernate ORM**. Implemented Java EE components using **Spring IOC, Spring transactions** and **Spring security modules**.
* Configured **Spring security** in the application with **LDAP Template** and access controls using **Spring security annotations** based on user roles.
* Used **Spring declarative transaction management** and **Spring Batch** and scheduling for backend data processing.
* Developed **ORM mappings** using **Hibernate** and wrote criteria, named and **HQL queries** for data retrievals in the **DAO layer**.
* Wrote data Components for Plan Setup, wrote and called **Stored Procedures** using Java, HQL, Hibernate.
* Used **Hibernate** in the persistence layer and implemented DAOs to access data from **Oracle** database (ORM / JDBC for server and database communication).
* Deployed artifacts build via **Maven** to **Tomcat Server** over local.
* Consistently produced high quality code through disciplined and rigorous **unit testing** with the help of **Junit** and **Mockito** Framework.
* Performed bug tracking using **Jira 10** and used **Super Putty** and **Bugzilla** to check the logs.
* Used **Subversion** for version control management and Used **Eclipse IDE** for writing the Code.
* Implemented continuous deployment system with **Jenkins**, Code Deploy in different environments like **IST, UAT, PERF, PROD** for deployment of Java applications.
* Extensively used **SOAP UI** and **Rest Client** consuming REST calls to validate web service response against database.
* Utilized **IBM MQ** as a message queue so applications may connect to the queue and transfer a message onto it.
* Interacted and participated in meetings with Business Managers and Subject Matter Experts to articulate system requirements.
* Frequently interacted with the Metric Stream Team for understanding their core business functionalities and to coordinate for better integration.
* Managed the development team at offshore and provided necessary information and project artifacts.

**Environment**: J2SE, Java Enterprise Edition, Spring Boot SOAP and RESTful services, Spring (MVC, Core & security),CISCO CVP Call studio, JSP, JDBC, SonarQube, TestNG, Mockito, AJAX, JQuery, Angular 7.0, Java Script, Web Logic Server, STS, Splunk, Amazon Web Services services(Contact Center, Lambdas), CCM, SQL, Gradle, Oracle 10g, SQL, xml, Log 4j.

**DaVita RX Coppell, Dallas, TX. Mar 2016 – Feb 2018**

**Role: Software Engineer**

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software Development Life Cycle (**SDLC**) and used **Agile** (**SCRUM**) methodologies for Software Development.
* Extensive experience in developing business components based on the customer requirement by **using Java 8/JEE API (JDK 1.8).**
* Worked under Agile Methodology to develop Application.
* Used **Wildfly** & **Glassfish** application to deploy the code.
* Designed and developed user interfaces using **Spring MVC** Framework, **Spring Boot**, **Hibernate**, **JSP**, **JSTL**, **HTML, CSS, Mule, JavaScript, Angular JS, React JS** and **Ruby on Rails**.
* Involved in designing, developing and configuring server side J2EE components like **JavaBeans, JSP**, **Servlets**, **JNDI** and **XML** using **IDE**- **NetBeans** and deployments in **Wildfly**.
* Designed and Developed JSF component, implemented event handling using **Java, JSF, MyFaces, PrimeFaces 6.0, AJAX.**
* **UI** Components and **Backing Beans, JSF Primefaces**, involved in configuring **web.xml**, **faces-config.xml** for navigations, controllers.
* Built **AngularJS** modules, controllers, pop up modals, and file uploaders.
* Developed single page application by using Primefaces backed by **MongodB** and **NodeJS**
* Implemented nested views and routing using Angular UI Router as per the requirement.
* Implemented and enhanced **CRUD** operations for the applications using the MVC (Model View
* Controller) architecture of **Rails** framework and **Ruby** conducting code reviews.
* Work on developing UI components using Swing Framework.
* Used all aspects of **MySQL/PHP** Programming (object-oriented PHP) in **LAMP** environment.
* Used Core Java concepts like Collection APIs, Exception Handling, Generics and Multi-Threading.
* Developing custom **HTML** elements using **AngularJS** directives.
* Implemented spring framework beans for **jBPM** actions and event handlers.
* Written customized configuration spring bean class to deploy the **jBPM** processes in **JBOSS**.
* Involved in migrating **jBPM3** to **jBPM6**.
* Used microservices architecture with Spring based services to integrate user libraries in the application.
* Involve in the design of portlets for **WebSphere Portal.**
* Used spring securities, **Spring JPA**, **Spring JMS** modules.
* Transaction Management using **EJB 3.0** and custom framework.
* Experience in using **ODBC** to access the database.
* Used **RESTful** services to communicate with the UI layer.
* Design and Develop **SOAP** Web services, generate classes from published **WSDL** and **XSD** using **JAXWS** using **Maven**.

**Environment**: Core Java, SQL Design Patterns, Spring, OOPS/OOAD (UML), XML, Hibernate, Eclipse IDE, Tortoise SVN source control, BugZilla, Autosys, Aqua Studio, JIRA, GWT, Smart GWT, Ajax

**Preferred Homecare, Raleigh, NC August 2013 – Feb 2016**

**Role: Java Developer**

**Responsibilities:**

* Implemented Micro Services based Cloud Architecture utilizing **Spring Boot** and **REST** Web Services.
* Implemented different validation control on the webpages using **AngularJS** and developing a cross-platform JavaScript based solution using **AngularJS**.
* Experience with container-based deployments using Docker, working with Docker images, Docker HUB and Docker registries.
* Created customized **AMIs** based on already existing **AWS EC2** instances by using create image functionality, hence using this snapshot for disaster recovery.
* Utilized **JAVA 8** features like lambda Expressions, Parallel Streams and practical interfaces.
* Designed and actualized application utilizing **Spring Boot, Spring MVC, Spring IOC, Spring JDBC** and **Log4J** for logging.
* Used **Jenkins** for Continuous Integration and Continuous Delivery to assemble pipelines amid organization.
* Used **GIT** as version control system, to keep track of all the work & all changes, allowing several developers to collaborate and used Maven as build and configuration tool.
* Focused on Test Driven Development thereby creating detailed **JUnit** tests for every single piece of functionality before actually writing the functionality.
* Actively used the defect tracking tool **JIRA** to create and track the defects during QA phase of the project.
* Written **SQL** Queries and stored procedures to interact with **Oracle DB.**
* Used **UML** to draw use case diagrams, class & sequence diagrams.

**Environment:** Java 8, Micro Services, Hibernate, Spring, Spring MVC, Spring Boot, Spring Security, Spring DATA, Spring batch, SOAP, RESTful, Soap UI, Ready API, AWS, Docker, Jenkins, Chef, Kubernetes, Oracle DB, HTML, JavaScript, AngularJS, AJAX, JUnit, Maven, Apache Tomcat, GitHub, GIT, Bash shell scripting, JIRA, Log4J.