**Puja Joshi Bhatt**

Java Software Developer

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**Professional Summary**

* Around 4 years of professional experience in the development of client/server and Enterprise Applications using Object Oriented concepts and **Java/J2EE** Technologies.
* Experience in all aspects of the software development life cycle (SDLC) including analysis, design, development, and implementation and agile development environments like **Scrum Agile and SAFe Agile**.
* Good understanding of **Object-Oriented** design methodology and Core Java concepts such **as multi-threading**, exception handling, generics, annotations, Collections, and I/O.
* Well-versed with open-source frameworks like **Spring Boot, Spring MVC, Microservices, Dependency Injection** to create various multi-tier web applications.
* Hands-on experience to use and build **RESTful web services** using **Spring Rest**.
* Good knowledge in using **HTML5, CSS, Bootstrap, JavaScript, JSON** to design various presentable responsive web pages.
* Experience and proficiency with various query-based databases like **Oracle, MySQL, SQL Server.**
* Exposure to NoSQL databases like **MongoDB**.
* Experience in working with **AWS** as a cloud computing service.
* Experience in deploying enterprise applications to Web/Application Servers like **Apache** **Tomcat**, **WebLogic** servers, and version control tools such as **GIT**.
* Experience in working with **Jenkins** pipeline to deploy code in **K8s** cloud environment.
* Thorough understanding and in-depth experience in writing **SQL** Queries.
* Hands-on experience on **Jenkins**, **Maven,** and **Jira**

**Technical Skills**

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| **Languages** | **Java, JavaScript, SQL, PHP** |
| **Frameworks** | Spring Cloud, Spring Boot, Spring AOP, Spring MVC, Structs, Spring Security, Spring Data JPA, Hibernate  |
| **Databases** | Oracle, MySQL, MongoDB, Cassandra |
| **Cloud** | Amazon Web Services (AWS), AWS EC2, S3 |
| **Front End** | HTML5, CSS3, Bootstrap  |
| **Version Control** | GIT, SVN |
| **Build Tool** | Maven, Jenkins, Docker  |
| **OS** | Windows, Mac OS, Linux, UNIX  |

**Professional Experience**

**Duke Energy, Charlotte, NC Feb 2020 - Present**

Java Software Developer

**Responsibilities:**

* Worked on **SAFe Agile** methodology for project execution with involvement in requirement gathering, analysis, design, bug fixes, production support, and documentation of the application.
* Implemented Spring boot, Dependency Injection (DI), Inversion of Control (IOC), and aspect-oriented programming (AOP) feature.
* Used Spring Boot framework for building cloud **Microservices**and to develop Spring-based applications radically faster with less configuration.
* Contributed to Developing, Implementation, and integration by using **RESTful** services using **Spring Boot**.
* Used **Angular** **HTTP** for asynchronous validations for the input fields of the forms with the data that existed in the database
* Integrated **Spring** and **Hibernate**, configured logging and developed exception handling for the application.
* Experience in re-architecting monolithic architecture service into microservices-based architecture using **Spring Boot.**
* Configured **Swagger-UI** registered Microservice to monitor the service health check from the Spring Boot admin console.
* Worked on monolithic architecture for legacy code that involves **SOAP** calls, and the application is deployed using **Weblogic** server
* Involved in **Core Java** coding by using Java APIs like Collections, Collection, Exception Handling, Generics, Iterator, String, & Java I/O to fulfill the implementation of business logic.
* Developed **Hibernate** in Data Access Layer to access and update information in the database.
* Implementing or exposing the Microservices to base on **RESTful** API utilizing **Spring Boot** with **Spring MVC.**
* Responsible for designing the User Interface by coding in **HTML5, CSS3, Bootstrap**
* Using **Jenkins** for CI/CD, using **Ant**, **Maven** for the build, **GIT** for version control, code review, and defect tracking
* Deployed the services in **Kubernetes** cloud environment and used K8s dashboard to check on logs of each service
* Checked code coverage through **EclEmma** plugin and **Sonarcube**
* Fetched data from source systems like **Informix, Cassandra,** and **MySQL** databases that cache source data and config related data
* Developed SQL queries and Stored Procedures using **PL/SQL** to retrieve and insert into multiple database schemas
* Used **JIRA** for defect tracking and project management.
* Used **JSON** for data exchange between application modules along with **XML**.
* Deployed the spring boot application developed in the **AWS platform**using spring cloud.
* Distributed Rest services for performing CRUD operations from the database.
* Implemented logger for debugging using **Log4j**.
* Used **Postman** for testing the web services.
* Used **GIT** for source and version control.

**Environment**: Java, Spring Boot, Spring MVC, Angular, YAML, TypeScript, REST API, Spring Security, Spring Data JPA, Hibernate, Jenkins, HTML5, Bootstrap 4, CSS, JavaScript, MySQL 5.x, Junit, MySQL, MongoDB Docker, AWS, Microservices, EclEmma, Sonarcube, Cassandra, Docker

**American Express, New York, NY July 2019- Jan 2020**

Java Developer

**Responsibilities:**

* Involved in gathering, analyzing, and documenting business requirements, functional requirements, and data Specifications for application development.
* Designed and developed a website application using **Spring Boot**, **Hibernate**, **MVC** **framework,** and **RESTful** **APIs**.
* Worked on web applications using open source **MVC** frameworks.
* Involved in writing **Java** **API** for **Amazon** **Lambda** to manage some of the **AWS** services.
* Involved in implementing the Microservices based on **RESTful** **API** utilizing **Spring** **Boot** with **Spring MVC**.
* Developed Web **Java/J2EE** application (**JSP**, **EJB**) using **Struts** for **JBuilder**.
* Worked on **NoSQL** database like **Cassandra** such as locking, transactions, indexes, sharding, replication, Schema design.
* Developed Message-based systems using **Spring**-**JMS** **API** and Message Driven **POJOs**.
* Developed Action classes, which communicate asynchronous messaging via **JMS**/**MQ**-Series to DB2.
* Designed and developed user-friendly **GUI** interface and web pages using **HTML**, **Angular** **7/8, JQuery,** and **JavaScript**
* Developed RESTful API in Java on **Microservices** Architecture using Spring Boot.
* Developed enterprise inter-process communication framework using **Spring** **REST** Service.
* Responsible for designing the User Interface by coding in **HTML5, CSS3, Bootstrap**.
* Customized **CSS**files by adding new CSS3 features for our web pages.
* Involved in Core Java coding by using **Java API**s like Collections, Collection, Exception Handling, Generics, Iterator, String, & Java I/O to fulfill the implementation of business logic.
* Implemented several design patterns like **Singleton, MVC, and Factory design** patterns.
* Used **Spring Hibernate** module as an Object Relational mapping tool for back-end operations over SQL database.
* Implemented **Spring AOP** for exceptional handling, transaction management, logging, and performance monitoring.
* Designed and **used RESTful web** services using **Spring Boot**.

**Environment**: Java, J2EE, Spring, Spring Boot, Microservices, JDBC, Tomcat, JUNIT, HTML5, CSS3, jQuery, Hibernate, spring, JavaScript, XHTML, XML, JSON, Ajax, Bootstrap, Responsive Web Design,

**Hansikar Technologies, Kathmandu, Nepal May 2017 - May 2019**

Software Developer

**Responsibilities:**

* Designed and developed a website application using **Spring Boot**, **Hibernate**, **MVC** framework, and **RESTful APIs**.
* Worked on web applications using open source **MVC** frameworks.
* Used Bootstrap and Angular, React.js, and Node.js in effective web design
* Involved in writing **Java API** for **Amazon Lambda** to manage some of the **AWS services**.
* Involved in implementing the **Microservices** based on **RESTful API** utilizing **Spring Boot** with **SpringMVC**.
* Developed **RESTful AP**I in JAVA on **Microservices** Architecture using **Spring Boot**.
* Developed enterprise inter-process communication framework using **Spring REST Service**.
* Designed the application in a layered approach like **Presentation**, **Service**, **DAO**, **Utils,** and **Test modules**.
* Deployment of application code in **AWS EC2** instance.
* Resolving customer complaints with software and responding with suggestions for improvements and enhancements.
* Used a **Microservices** architecture, with **Spring Boot** based services interacting through a combination of **REST** and **Spring Boot**.
* Used Singleton, **SpringMVC**, **Hibernate**, **Factory Pattern,** and **DAO** design patterns.
* Developed common **XML schema's** (XSD) as client contracts used to publish Top-Down approach-based **Web Services**.
* Used **AJAX** to call the **REST API** methods and connect to the **backend**.
* Wrote **SQL Queries** to interact with **Snow Flake** and **Oracle Database**.
* Designed and implemented **Hibernate** Annotation-based persistence layer for the backend.
* Used Criteria, HQL, and SQL as the query languages in **Hibernate** Mapping. Integrated the **Spring** and **Hibernate** framework
* Done with unit testing of all java classes using the **JUnit** framework.
* Actively Participated in tracking and resolving Production issues.
* Documented the project as per the standards
* Participated in the **Agile SDLC** (standups, estimation, iterative development, demos & retrospectives).

**Environment**: Java, J2EE, Spring, Spring Boot, AWS, Microservices, JDBC, Hibernate, Apache Tomcat, JBoss, Eclipse, Oracle 10g, HTML, JavaScript, Angular.JS, Bootstrap, Squirrel SQL, WebLogic, and JUnit.

**Hansikar Technologies, Kathmandu, Nepal Jan 2017 - May 2017**

Software Developer Intern

**Responsibilities:**

* Designed and developed **UI** using **HTML**, **CSS**, **jQuery**, and **AJAX**.
* Created, modified existing stored procedures, views, and functions in **SQL** **Server**.
* Created the customer user grid view control which includes the sorting and paging.
* Participated in Requirement analysis and involved in requirement gathering.
* Knowledge of Object-Oriented Design, Web User Interface design
* Developed server-side application to interact with the database using **Spring** **Boot**.
* Applied Object-Oriented Programming (OOP) principles by using Interface, Abstract, Overriding, and Overloading
* Created **DAO** classes to implement **CRUD** operation by using **JDBC** transactions.

**Education:**

**Bachelor of Engineering in Computer Engineering**

**Far Western University**