**PROFESSIONAL SUMMARY**

* **Over 5** years of professional experience in Back-end development as Software Developer in **Java**.
* Excellent understanding of **OOP** core concepts (Inheritance, Polymorphism, Abstraction, Encapsulation) Design Patterns, and experience in applying them in designing and developing SOA (Software-Oriented Application) base application.
* Strong knowledge on **Java components** such as Lambda, Method reference, Collections, unit test, I/0, Stream, Exception and **java 8 features**.
* Good experience on developing application using **Spring Boot**, like: Spring Web MVC, REST API, **Microservices** applications, Security, Annotation.
* Excellent knowledge on Spring Core **Annotations** for **Dependency Injection** Spring and Spring MVC.
* Built an Application and deployed **Microservices** in the **AWS Cloud** using **Docker** containers.
* Deep understanding on implemented **Aspect Oriented Programming** using Spring AOP to address cross cutting concerns.
* Good understanding on implementing **Kafka**.
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Experience in developing and consuming **RESTful** web services using Spring MVC.
* Knowledge in writing unit-test cases for REST endpoints using **Junit**, Mockito and Spring Test.
* Worked on POJO, Service layer, **DAO** layer, **DTO** layer using Java 8.
* Knowledge on implementation of logs for error tracking using **SLF4J** and **Log4j**.
* Good understanding on the use of Git, **GitHub** for version-control, Confluence for documentation, **Jenkins** for CI&CD.

**TECHNICAL SKILL**

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| --- | --- |
| Languages | Java, SQL, PL/SQL, JavaScript, python |
| Frameworks | Struts, Servlet, Spring, Spring MVC, Hibernate, Angular 2, Node JS, Bootstrap |
| Servers | Tomcat, JBoss, WebLogic, WebSphere |
| CI&CD | Jenkins, Git, SVN, GitHub |
| Databases | Oracle, MySQL, Microsoft SQL Server, Access, DB2, firebase, |
| NoSQL | MongoDB, Redis, Cassandra |
| Testing | JUnit, SOAP UI, Postman |
| Others | Windows, Linux, UNIX, UML, AWS, Waterfall, Agile, Jira, Confluence, DOM, log4j, Microservices, SOAP UI, SLF4J, Gradle, AngularJS, JWT, JMS, HTTP, RabbitMQ, IBM-MQ, Eclipse, macOS, IntelliJ IDEA, Android Studio |

**PROFESSIONAL EXPERIENCE**

**Raymond James, New York City, NY April 2017-Present**

**Software Developer**

Raymond James Financial is an American multinational independent investment bank and financial services company providing financial services to individuals, corporations and municipalities. Raymond James mainly target or provides its credit card offers to people with above-average credit standing. The project is to develop API for Raymond James Cash Rewards American Express Card where we can manage and process the cashback rewards on every purchase made by the client.

**Responsibilities:**

* Created user information and transaction by developing, implementing, and maintaining Java based components and interfaces.
* Implemented the development of application using Agile SCRUM methodologies environment including Test Driven Development (TDD) with continuous integration/Delivery.
* Used Spring MVC framework to build RESTful web services.
* Used JSON for data exchange between application modules along with XML and WS-Security for authenticating the REST messages along with encryption and decryption.
* Implemented Spring Security for providing authentication and authorization for web services
* Used Hibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Worked on designing and developing Microservices using Spring Boot and spring dependency injection for middle layer development.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Worked on POJO, Service layer, DAO layer, DTO layer using Java 8. Used JPA, ORM, Hibernate, Spring Data JPA, Spring Data MongoDB and Spring Data Redis for persistence solution.
* Used Git, GitHub for version-control, Confluence for documentation, Jenkins for CI&CD.
* Involved in coding, debugging, unit testing of the various modules of the system and Create a J-unit test classes to check the service call for its data object.
* Wrote unit-test cases for REST endpoints using JUnit, Mockito and Spring Test.
* Implemented logs for error tracking using Log4j.

**Environment:** Agile, Java, Java EE, WebLogic, ODM, Spring, HTML, SLF4J, JSP, JSON, Oracle RDBS, Microservices, Hibernate, HQL, SQL, JUnit, GitHub, Jenkins, MySQL, REST, Spring Security, Spring Boot, Spring Cloud, Maven, SOA, AWS, Eclipse, JIRA

**NJM Insurance Group,** [**West Trenton, Ewing Township, NJ**](https://www.google.com/search?rlz=1C5CHFA_enUS796US796&q=West+Trenton&stick=H4sIAAAAAAAAAONgVuLSz9U3MEmytCwsfMToyi3w8sc9YSmbSWtOXmM04-IKzsgvd80rySypFNLgYoOy5Lj4pJC0aTBI8XAh8XkWsfKEpxaXKIQUpeaV5OcBADBNFAhlAAAA) **March 2015 - April 2017**

**Software Developer**

New Jersey Manufacturers (NJM) mission is to provide value-based insurance solutions with highest level of service and good benefit to policyholders. NJM Group provides Automobile, Home and Rental Insurance. The project is to develop Backend application managing database and REST APIs.

**Responsibilities:**

* Implemented Microservices architecture using Spring Boot for making the application smaller, reusable and independent.
* Involved in various phases of Software Development Life Cycle (SDLC) of the application in Agile Methodology.
* Created and injected Spring Services, Spring Controllers and DAOs to achieve Dependency Injection and to wire objects of business classes using Spring Core Annotations.
* Developed Rest Controller for mapping requests to generate Restful APIs.
* Used Hibernate annotation to control data fetching and cascading type and batch size to improve the data access performance.
* Configured Spring Security to grant permissions for different level resources.
* Used GitHub and configured Jenkins CI and CD for project build and deployment.
* Created SOAP web services to implement SOA Architecture.
* Implement Kafka for both Producer and Consumer.
* Developed REST web service to perform CRUD operations on the database implementing Hibernate on the back end.
* Setting up AWS Oracle RDS databases for new project, use data pump to migrate data to Relational Database Services (RDS).
* Used Maven Surefire plug-in to execute unit tests of the application.
* Performed unit testing using Junit and developed test cases using Mockito and Mock MVC test framework within Test Driven Development.

**Environment:** JDK 8, RESTful, Spring Boot 2.1.1, AWS, Oracle, Angular 2, Bootstrap, EC2, Microservices, Docker, Java Script, JUnit, UML, OOAD, SOA, JSON, XML, Maven, Hibernate, HQL, SQL, JUnit, GitHub, Jenkins,

Log4j, Tomcat, IntelliJ

**Sunrise Bank Limited, Nepal Dec 2013 - Nov 2014**

**Intern/Junior Software Developer**

Sunrise Bank Limited is one of the top commercial banks in Nepal. The project was on full-stack development where we need to connect Database and implement them in UI. The project uses Spring Boot and Hibernate to implement REST API.

**Responsibilities:**

* Involved in designing UML and used Spring MVC framework to build Restful web services.
* Developed and deployed business logic using session Beans and Servlets.
* Involved Created web pages and client-side validations using HTML and CSS and JavaScript, AJAX, JSP.
* Used XML for data exchange between applications.
* Involved in testing using Junit implementing maven.
* Used Hibernate to ORM with database and worked on AOP as well.

**Environment:** JDK, MVC, HTML, CSS, Bootstrap, AJAX, JSP, EC2, JSON, XML, Maven, Hibernate, HQL, SQL, JUnit, GitHub, Jenkins, Log4j, Tomcat, IntelliJ

**EDUCATION**

* Bachelor of Science in Computer Science, Southwest Minnesota State University- Marshall, MN
* Diploma in Information Technology, Sagarmatha National College (SNC)