**Ravin Timalsina**

**Full Stack Developer (Java)**

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**Professional Summary:**

* Professional Java Full-Stack Developer with **7+ years** of experience in analysis, design, development, and testing of web and distributed multi-tier applications using **Java** and **J2EE** technologies in various areas.
* Excellent communication skills, ability to work in a team, problem-solving, good documentation skills, and independent working.
* Expertise in designing **J2EE** **design** patterns such as Business Object (**BO**), Service Locator, **Session** **Facade**, **Model** **View** **Controller**, **DAO** and **DTO**, Front Controller, Singleton, and **Service** **Locator**.
* Expertise in Various **Spring** **Modules** (**Spring MVC, DAO, AOP, Spring LDAP, Spring Scheduler**) along with Hibernate as the back end **ORM** tool for the implementation of persistence layer and mapping of **POJOs**.
* Expertise in developing data models using **Hibernate** **Object** **Relational** **Mapping** (**ORM**) framework and using **Hibernate** **Annotations** to reduce time at the configuration level.
* Expertise in designing, developing applications using **MVC**-**based** frameworks **Struts** **framework**, and **Spring** **MVC**.
* Proficient in programming by using the IDE’s such as **My** **Eclipse 11.x, Eclipse 3.5, IntelliJ, WSAD 5.x,** and **RAD 6/7.**
* Experience in writing database objects like Stored Procedures, **Functions**, **Triggers**, **PL**/**SQL** packages, and Cursors for **Oracle**, **SQL** **Server**, and **MongoDB**.
* Experience in working on **Single** **Page** **Design** and customized directive and filter criteria by using **React**.**JS**.
* Used **React**.**JS to** create views to hook up models to **the DOM and** **synchronize** data with the server as a **Single** **Page** **Application** (SPA).
* Extensively used **Angular** **Reactive** **forms**, form Arrays and implemented reactive validations and validation messages according to the requirement
* Experience in **Typescript**, **Angular** to develop various web Applications consuming **web** **API**
* Good at using states & props inside components with solid knowledge on **React** **Virtual** **DOM**, unidirectional data flow, and creating **Reusable** react presentation and container components.
* Extensively experienced in developing lightweight and integrated business applications using **Spring** **Framework** to develop **Microservices**.
* Experience using **Log4j** along with **Splunk** for logging error/debug messages and managing them.
* Experience in **Amazon** **Web** **Services** like EC2, S3, Elastic Beanstalk, ELB, RDS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Formation, IAM, SNS.
* Experience in building **Spring** **Boot** **Microservices** to host on **AWS** cloud environments.
* Worked on various Application and Web Servers like JBoss, BEA Web Logic, IBM Web Sphere, and Apache Tomcat
* Expertise in developing **UNIT** test cases using JUnit and Mockito and configured them through Maven surefire plugins to be part of continuous integration.
* Good working knowledge of **SVN** and **GIT** for code management and version control.

**Technical Skills**

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| **Programming Languages** | Java, J2EE, C++ |
| **Frameworks/ORM** | Spring core, Spring boot, Spring AOP, Spring Transaction, Spring JPA, Spring MVC, Struts, Hibernate ORM, JPA |
| **Web Technologies/J2EE** | JSP, Servlets, AJAX, XML, JavaScript, Angular, React, HTML5, CSS,  JSON, jQuery, JMS |
| **IDE’s and Utilities** | Eclipse, My Eclipse, NetBeans, IntelliJ IDEA, Spring Tool Suite (STS) |
| **Database** | Oracle 10g/11g, SQL Server, MongoDB |
| **Web Services** | REST, Microservices, SOAP, WSDL |
| **Testing Tools** | JUnit, Mockito. |
| **Application Servers** | WebLogic, Tomcat, JBoss |
| **Operating Systems** | Windows 10/7/XP, Linux (Ubuntu), Mac OSX. |
| **Scripting** | JavaScript, JSON, and JSP. |
| **Continuous Integration** | Jenkins |
| **Logging/Debugging Bug Tracking /Management Tools** | Log4J, Sl4j, JIRA |
| **Cloud** | AWS |

**Professional Experience:**

**Comcast, Houston, TX Feb 2021 – Present**

**Full Stack Developer (Java)**

**Responsibilities:**

* Involved in requirement analysis, design, development, and testing phases of the Software Development Lifecycle (**SDLC**) leveraging **Agile** Methodology.
* Contributed to in-house application development and maintenance in applications such as LoadMaster and wrote Java Code for new and existing applications and products and supported existing customer installations.
* Performed code reviews and assisted team members in development or debugging.
* Developed and maintained clean and user-friendly interface using **Angular, jQuery, Ajax,** etc.
* Developed code to exchange data between one component to other across different modules using **Angular** **framework**.
* Worked on the new features of **Angular** like new if else syntax, ng-templates, form validators.
* Maintained Parent and Child components by using State and Props in React **JS**.
* Designed React components with Hooks and higher-order components. Developed views with Flexbox.
* Implemented **J2EE** standard **MVC** architecture using **Spring** Framework.
* Involved in development of services-based architecture utilizing technologies like **Hibernate ORM** with **JPA** Annotations and Spring **MVC** Framework.
* Used annotations from **Spring**, along with **JPA** and **Spring Data JPA** dependencies.
* Designed and developed **REST APIs** using **Spring Boot,** as well as migrated from **SOAP** based webservices to **RESTful** services.
* Used **Spring**, **Hibernate** module as an Object Relational mapping tool for back-end operations over **Oracle 10g** database.
* Designed stored procedures using **Procedural Language for SQL (PL/SQL)** for data manipulation, and designed functions that utilize the stored procedures.
* Involved in implementing the **JMS** (Java messaging service) for asynchronous communication.
* Used **Eclipse** with **Tomcat** application server for development and application deployment.
* Built interactive and responsive UI using **JavaScript, Angular** and **Bootstrap.**
* Used **JAX-WS** to consume the **SOAP** Web Services.
* Migrated the **SOAP Web Services** to **Restful Web Services**, designing the endpoints for sending and retrieving data.
* Used **MDBs (JMS)** for asynchronous communication with the system.
* Hands on experience on testing, finding bugs, and resolving issues in the production server.
* Supported QA in resolving issues by reproducing, diagnosing and analyzing the root cause of bugs.
* Worked with **Amazon** **Web** **Services** like EC2, S3, Elastic Beanstalk, ELB, RDS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Formation, IAM, SNS.
* Developed unit test cases using **Junit,** integration tests using Jenkins and used **Log4j** for logging.
* Deployed WAR applications in the **WebLogic** Application Server Environment

**Johnson & Johnson, New Brunswick, NJ Jun 2020 – Feb 2021**

**Full Stack Developer (Java)**

**Responsibilities:**

* Implementing or exposing the **Microservice** **architecture** with **Spring** **Boot**-**based** services interacting through a combination of **REST**.
* Involved in the complete **SDLC** (software development life cycle) of the application from requirement analysis to testing.
* Worked extensively in **ReactJS**, including features like Hooks, Rendering API data with Hooks, useEffect, estate and advanced also created advanced customized React hooks components
* Developed user interface by using the **React JS, Flux** for **SPA** development
* Developed reusable custom directives using **Angular** using transude, restrict, event handlers, and templates
* Using **UI**-**Router**, implemented registration and email/password authentication features
* Developed business components by using **Spring Boot**, **Spring** **Security**, **Spring IOC**,**Spring AOP**, **Spring** **Annotations**, and **Persistence** **layer** by using **Hibernate**/**JPA** along with Web Services (RESTful).
* Used Hibernate **Transaction** **Management**, **Hibernate** **Batch** **Transactions**, and **Hibernate** cache concepts.
* Created architecture towards a **Microservices** approach using **RESTful** **Web**-Services by using **Spring** **Boot**.
* Used Hibernate **JPA**, Object/Relational-Mapping solution, the technique of mapping data representation from **MVC** model to **Oracle** **Relational** **data** model with **SQL** **based** **schema**.
* Developed modules using Core Java APIs, Collections, Java 1.8(Streams), **Multi**-**threading**, **Stream** **API**, **Collection** **API**, **Transaction** **Management**, **Exception** **Handling**, **Generics**, **Java** I/O, and object-oriented designs patterns.
* Used **Spring** **Core** **Annotations** for **Dependency** **Injection** **Spring** **DI** and **Spring** **MVC** for **REST** **API** s and **Spring** **Boot** for **Microservices**.
* Deployed **Spring** **Boot**-**based** microservices Docker container using **Amazon** EC2 and using AWS admin console.
* Used **Stored** **Procedures** for applications that needed to execute as part of scheduling mechanisms.
* Followed **Agile** **methodology** and involved in daily **SCRUM** **meetings**, sprint planning, showcases, retrospective.

**Cardinal Health, Allen, TX Nov 2018 – Mar 2020**

**Java Developer**

**Responsibilities:**

* Responsible for designing the layers, components of the project using**OOAD methodologies** and standard **J2EE** **patterns** & guidelines.
* Created and maintained the configuration of the**Spring** **Application** Framework (**IOC**) and implemented business logic using **EJB**.
* Implement business components using spring dependency injection and accessed them using Spring provided annotations.
* Developed screens, Controller classes, business services, and **DAO** layer respective to the modules.
* Used **Spring** **Boot** **framework** for building cloud Microservices and to develop Spring-based applications radically faster with less configuration.
* Developed Customized **Spring** **Multi** **Action** controllers for handling similar operations and configured spring and Hibernate frameworks to develop **full**-**fledged MVC and** **DB** interaction application.
* Used **Spring** **AOP** for creating aspects, advice, and pointcuts, and **Spring** **Batch** for batch processing in the application.
* Designed the application by implementing **Struts** based on **MVC** **Architecture**, simple Java Beans as a Model,
* Used **Hibernate** **ORM** framework as persistence engine, configured hibernate.xml file, and Involved in Mapping, Coding, and Fine-tuning of Hibernate Queries.
* Integrated **Spring** and **Hibernate** together and worked on developing backend components and services using Hibernate and Spring.
* Responsible for the front-end business **logic** implementation using **React** for **Single** **Page** **Architecture** Implemented **React**-**Router** to turn the application into a Single Page Application.
* Created detailed design documents which have the **UML** **Design** diagrams, table information, object model for the developer.
* Used **GIT** and **SVN** for Source Control and Version Management of all codes and resources.
* Developed **Log4j** logs to record the application events to provide the debugging, monitoring, and auditing capabilities to the application.

**Ford, Irving, TX Jun 2016 – Aug 2018**

**J2Ee Developer**

**Responsibilities:**

* Efficiently interacted with team members and business users for requirements gathering.
* Used **Spring** **MVC** to decouple business logic and view components.
* Involved in the integration of spring for implementing **Dependency** **Injection** (**DI**/**IOC**).
* Developed the Business Logic using Plain Old Java Objects (**POJOs**).
* Developed **Graphical** **User** **Interfaces** using **HTML** and **JSP’s** for user interaction.
* Used JavaScript for client-side validations and AJAX to create interactive front-end GUI. Used JSON for data exchange between application modules along with XML.
* Used Spring **JDBC** Template and **Spring** **DAO’s** Support classes for **JDBC**. Created a set of classes using **DAO** patterns to **decouple** the business logic and data.
* Used various **Core** **Java** concepts such as **Multithreading**, **Exception** **Handling**, **Collection** APIs to implement various features and enhancements.

**Wells Fargo, Charlotte, NC Jul 2015 – May 2016**

**Jr. Software Engineer**

**Responsibilities:**

* Used **Hibernate** to map java classes to corresponding data in the database. Retrieved information from the database.
* by writing **SQL** queries.
* Refreshed the drop downs on the webpage by designing an AJAX-based solution according to user choice.
* Using **JDBC**, processed form entries were transferred to the database from JSP.
* **Java** **Script** coding was embedded in **HTML** to make sure data is validated on the client-side.
* Developed in-house project "**Employee** **Search** **Portal**" in spring framework, used hibernate to access backend (**SQL**), used **AJAX** to display dynamic data on web pages.