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# Lei Wan

**Sachin Hirisave**

**Java Developer**

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* Good experience developing web applications using Spring modules like **Spring Core**, **Spring Boot**, **Spring MVC**, **Spring Cloud**, **Spring Data Jpa**, **Spring Data Rest**, **Spring AOP** and **Spring JDBC**.
* Developed various **Microservices** using REST API, Spring Boot and spring cloud libraries.
* Used **Hibernate 5** as Java Persistence API and Flyway as the data migration tool.
* Experience in **Java-8** Multithreading, collections, generics, stream api, JSP, Servlets and JDBC.
* Experience creating several web applications using front end technologies like **HTML5, CSS3, Bootstrap, JavaScript, jQuery**.
* Hands on experience in working with **Angular7** framework Components, Directives, Pipes and Services.
* Experience in using **Netflix** **cloud** **API’s, Feign, Ribbon, Eureka and RabbitMQ.**
* Experience implementing a Continuous Delivery pipeline with **Jenkins**, **Github** as the version control and **Maven** as the build tool.
* Expertise working on servers like **Apache Tomcat**.
* Wrote extensive test cases for unit testing using **Junit**, **Mockito**.
* Strong Knowledge on Application Development using **Software Development Life Cycle SDLC**using various methodologies like **Waterfall**, **Agile**/**Scrum**

**Professional Experience**

# **Client: MacDonalds – Chicago, IL Oct 2018 - Present**

**Role:  Java Developer**

# **Project: MCD login**

**Description:**

MCDlogin web application is MacDonald’s Crew Login portal that provides McDonald’s staffs with a single ID that allows them to log into McDonald’s applications such as CAMPUS which provides access to learning curriculum, FRED@McD to view training procedures/videos, and Ourlounge where you can check your schedule and view benefits.

**Responsibilities:**

* Developed **Microservices** architecture using Spring Boot, Spring Cloud (Feign, Ribbon, Eureka) and Spring Data JPA.
* Developed **Schedule** and **Employee-Paystub** microservices of **MCD login** Application using Spring Cloud API.
* Used Spring Configuration server for Externalization/Centralization of microservice property setting in Git repository.
* Used **Spring Data JPA** to manage transaction in Employee-Schedule Table for schedule service.
* Implemented **RabbitMQ** as Producer/consumer for AMQP asynchronous messaging between different microservice.
* Used **Eureka** for load balancing and keytool for Self-Signed Digital Certificate for Paystub related secured data through network.
* Worked on the client side using **Angular7** framework components, services, directives and tested using **Jasmine** and **Karma** test runner.
* Utilized **Reactive** approach for developing login forms and configured router paths for attendance and leave modules.
* Used **Mockito** and **Junit** for testing

**Environment**: Java 8, Spring Boot, Spring Cloud, Microservices, Angular7, Typescript, npm, Node.js, Bootstrap, Oracle 12c, Junit, Log4J, MAVEN, Jenkins, Jira, STS

**Client: REI – Winter Park, FL                           Sep 2017*-* Sep 2018**

**Role: Java Developer**

**Project: reiCo-op**

**Description:**

REI is an outdoor retailer who sells everything from Retail chain carrying gear, apparel & footwear for a wide range of outdoor & fitness activities.

reiCo-op is an online application created to facilitate REI customers to shop their products online and at ease.

**Responsibilities:**

* Developed **Microservices API** for **reiCo-op** applicationusing **Spring Boot and SpringData JPA.**
* Worked on several modules of **reiCo-op** like Login, Registration, Product search.
* Used Spring Boot starter dependencies like **JPA**, **Web**, **Actuator** and **Data**.
* Performed extensive server-side form validation of **reiCo-op** applicationusing **Spring Validator**.
* Integrated **SpringData JPA** for managing Data Layer of the application.
* Maintain centralized logging activity for different services within the application by utilizing log4j module.
* Used **Git** as Version Control Tool.
* Worked with Auth and Product Search modules using **Angular5** and consumed webservices for Login, Registration, Product search functionality.

**Environment:**

Java 8, J2EE, RESTful web services, Spring Boot, Spring Data JPA, STS, JUNIT, Angular5, Oracle 12c, Maven, Log 4J, Jira, Git.

**Client: Apsire consultancy Ltd - Bangalore, India Sep 2016 – July 2017**

**Role:  Java Developer**

**Project: ClearTrip**

**Description:**

**ClearTrip** allows its users to search thousands of cheap tickets and cheap flight offers to your favorite destinations around the world and also allows users to book vacations, find hotels etc.,

**Responsibilities:**

* Developed RESTful web services for **ClearTrip** using **Spring** **Boot** Framework**.**
* Worked on **Flight search**, **Flight booking** modules of ClearTrip.
* Worked on **Spring Data JPA** to ensure the data integrity and to fetch data from the database.
* Used Spring actuator for checking Health, Info and Matrics of the running application
* Used **Jenkins** for continuous build and deployment of the code to the servers.
* Implemented **Log4J** for Logging Errors, debugging and tracking.

**Environment**: Java 8, J2EE, HTML5, CSS3, Spring MVC, IOC, Hibernate, Apache Tomcat, jQuery, AJAX, Log4J, MAVEN, GitHub, Eclipse IDE

**Client: Syndicate Bank -Bangalore, India                Oct 2015- Aug 2016**

**Role:  JAVA Developer**

**Project: eSync**

**Description:**

Syndicate bank which allows its customers handles account transfers, disbursement services, balance reporting, Wire transfer and client services. It's easy to initiate transactions, review account information and accelerate your cash postings.

**Responsibilities:**

* Developed Fund-Transaction, Customer Service modules of **eSync** in a **Model-View-Controller** (MVC) pattern using Spring MVC, Hibernate frameworks.
* Responsible for creating tables and writing **Hibernate** mapping files to manage n-to-n mapping relationships.
* Created profile management page where clients can manage their profile using **JSP** & **JSTL**.
* Implemented the **Dependency Injection, validation features, Auto-wiring** using the Spring library.
* Involved in client side and server-side form validation using **JavaScript** and **Spring Validator**.
* Using Spring MVC **Exception Handler** and Controller Advice for exception handling
* Used **Maven** as a build tool, run different phases and manipulate them according to requirements.
* Responsible for developing unit tests using **Junit**.

**Environment:** Java 7, J2EE, Spring MVC, Hibernate, HTML5, CSS3, Bootstrap, JavaScript, jQuery, XML, JUnit, Maven, Oracle 11g,Jira.

**Client: Apsire consultancy Ltd – Bangalore, India** **Dec 2014-Oct 2015**

**Role:  JAVA/J2EE *Developer***

**Project: eazyDiner**

**Description:**

**eazyDiner** is a burgeoning online and mobile food ordering service that streamlines commerce between restaurants and diners.  To hungry diners, eazyDiner is the smart, simple, and affordable way to order delivery and takeout from their favorite restaurants.

**Responsibilities:**

* Developed **UML** diagrams such as Use case, Class diagrams, sequence diagram.
* Implemented Order Management, Profile management modules using **Servlets**, **JSP** and **Ajax** which enables users to order food and manage their account online.
* Involved in creating and extracting data from database using SQL Queries on **Oracle** database.
* Implemented client-side form validation using **jQuery plugin** of **eazyDiner** for various web pages such as Registration, Login, Food search pages.
* Used **Junit** test framework and wrote unit test cases.
* Used **Log4J** for configuration and customization of logs.

**Environment:**  J2EE (JAVA, JSP, Servlets, JDBC), JavaScript, HTML5, CSS3, Oracle, IntelliJ, Junit, Jira.

**Education**

**Master’s in electrical and Computer Engineering,**

Binghamton University, New York