**Sohan Patil**

**Java Developer**

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**Summary**

* *Experience in designing and developing* ***Microservices*** *using* ***Spring Cloud*** *and* ***Spring Boot****.*
* *Developed several web applications using several Spring modules like Spring IOC, Spring AOP, Spring Core,* ***Spring Cloud****, Boot, Spring Data Jpa, Spring Transaction, Hibernate etc.*
* *Worked on* ***Hibernate*** *in Spring projects for* ***persistence layer. Used both Spring ORM and Data Jpa***
* *Worked with* ***J2EE*** *Design patterns like Singleton, DAO, Factory, MVC, Adapter, front controller pattern etc.,*
* *Experience working with* ***JMS*** *API for interacting with an asynchronous message broker* ***Apache ActiveMQ****.*
* *Good experience designing web pages using HTML5, CSS3, BOOTSTRAP.*
* *Experience in Web UI development using HTML, JSP, JavaScript,Typescript,Angular 5, Custom Tags, JSTL, AJAX [JSON] and CSS*
* *Experience developing applications using Spring Cloud and have used* ***AWS*** *for deployment purposes.*

**Technical skills**

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| **Programming Languages** | Java, C, C++ |
| **Web Technology Skills** | HTML5, CSS 3, XML, JSON, JavaScript, TypeScript, jQuery, Angular5, Node.js |
| **Web Services** | Restful web services, Microservices, Amazon Web services |
| **Databases** | Oracle 12c, MySQL |
| **Tools** | Jenkins, Maven |
| **Application/Web Servers** | GlassFish, Apache Tomcat |
| **J2EE Technologies/ Frameworks** | JSP, Servlets, Spring MVC, Spring Boot, Spring Cloud, Spring Security, Hibernate 4, Apache Camel, JUnit, Mockito |

**Professional Experience:**

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| **Alaska Airlines - Seattle, WA****AirAlaska****Java developer****Nov 2017 - Present** |

**Description:** AirAlaska is a web application that offers a convenient and elegant website that helps users to book flights instantly with a dedicated customer support round the clock serving over 3,800 destinations across North America. The website has a huge list of options that helps travelers to select and book flights according to their needs and offers flexible travel date booking. It offers best deals to its users along with finding flights at a cheap price within minutes

**Responsibilities:**

* Developed AirAlaska’sweb Services to allow communication between applications through REST over HTTPby establishing suitable links using **HATEOAS**.
* Worked withAirAlaska’s flight search, flight booking modules using Spring Boot and **Spring – Data Jpa** to integrate Hibernate and creation of Hibernate POJO’s.
* Secured REST endpoints using **Spring Security**and used **Swagger** for documentation of the restful webservices.
* Designed asynchronous messaging using **Java Message Service** (JMS) to exchange of critical business data and events among J2EE components and legacy system.
* Used **Spring Transaction API** to manage the transactions.
* Used **Ribbon** for load balancing and deployed configurations of microservices on the Github being used as the repository for configuration server.
* Experience working in some of the AWS services like **RDS, EC2, S3, SQS, SES**.
* Worked with components,services,pipes,directives of **Angular5** and used NgRx for state management.
* Designed AirAlaska’sresponsive webpages using CSS Grid and CSS Flexbox.
* Performed **PL/SQL** operations in Oracle for querying different forms of data and wrote several procedures and triggers.
* Used**Junit** and **Mockito** Framework for testing purposes.

**Environment:** *J2EE, Spring Boot, Spring Security, Hibernate, Restful Web services, Jenkins, Oracle 12 c, Angular 5, Typescript, Angular CLI, Node.js, npm, HTML5, CSS3, Bootstrap, Github, Jira, Eclipse,VSCode.*

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| **WayFairLLC - Chicago, IL****ShopFair****Java developer** **Oct 2016-Oct 2017** |

**Description:** Wayfair offersthe largest selection of home furniture and décor across all styles and price points. ShopFair application allows user to shop for the best bargain through our daily sales on everything from bedding sets and curtains to desks, pillows, and tables.

**Responsibilities:**

* Used **Spring Boot, Spring Cloud**and **AWS services** for implementing Microservicesof WayFair application**.**
* Created several microservices for ShopFair like Claim Management, Provider Search using **Microservices** architecture.
* Implemented Caching for Microservices using **EhCache** and Spring boot caching module
* Implemented **Internationalization** in ShopFair using Spring libraries.
* Involved in designing and implementing Data Access Object to connect to the database through Hibernate Framework.
* Used **Mockito**&**Junit** test frameworksto write extensive test cases.
* Used **Maven** for build and **Github** for source control.
* Followed test driven development approach and Log4j for logging purposes.

**Environment:** *Java 7, Spring Boot, Spring Cloud, Hibernate 4,Microservices, AWS, Oracle 12c, Eclipse, JUnit, Mockito, Log4j, Apache Tomcat*

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| **United Commercial Bank – Bangalore, India****eUCB****Java developer****June 2015 - Aug 2016** |

**Description:**United Commercial Bank provides flexible loans for Auto, Business, Personal, Home Equity and home loans.ThiseUCB application allows online banking for its customers to view their account balance, view monthly statements and to transfer funds. This application also allows setting up e-bill payments.

**Responsibilities:**

* Developedbill payments, transfer funds, customer profile modules in eUCB using **Spring MVC**.
* Developed application service components and configured beans using **Spring IoC**, creation of Hibernate mapping files and generation of database schema.
* Worked with **Spring Security** to authenticate eUCB customers.
* Implemented **Hibernate pagination** mechanism using criteria API in eUCB for displaying customer transactions.
* Used Spring AOP for cross cutting concerns and IOC for dependency injection.
* Used **HTML5**, **CSS3, JSP** and **BOOTSTRAP** to build search and order placement pages of the **eUCB** application.
* Used **JavaScript and jQuery** library for performing client-side form validations.
* Created several **PL/SQL** procedures, triggers.
* Developed Test plans for Test Driven Development (**TDD**) of the project.

**Environment:***Java 7, JSP, Spring MVC, IOC, Hibernate, HTML5, CSS3, MYSQL, Apache Tomcat, NetBeans, Junit, Scrum, NetBeans.*

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| **OptiDesk Solutions Pvt Ltd – Bangalore,India****Optima****Java developer****Aug 2014 - May 2015** |

**Description:** Optima is a web portal developed by Optidesk solutions that belongs to Apollo Munich health insurance.Apollo offers various health insurance plans such as Optima restore,EasyHealth,Health Wallet, Energy etc.,Optima portal provides a set of tools to users that help them access their own portals. They can access, view, and manage their account details including insurance coverage, terms of coverage, file claims and can also make change of plans.

**Responsibilities:**

* Transformed the use cases into **UML** diagrams to Sequence and Class diagrams.
* Created the schedule jobs to send email notifications to clients about explanation of benefits using **Spring Scheduler.**
* Worked on Optima’sPayment history, claims summary modules using **Spring MVC**.
* Used **Hibernate** ORM tool to interact with the Oracle database.
* Designed Graphical User Interface using **jQuery**, HTML5, **JSP** and CSS3.
* Developed registration and login web pages of the Optima application to be **Responsive Web Design**.
* Agile/SCRUM was used as the project management methodology and **JIRA** tool was used to keep things in check.
* Worked with the creation of Stored Procedures. Involved in writing SQL queries, Stored Procedures to

accomplish complex functionalities.

**Environment:***Java 7, HTML5, CSS3, javascript,jquery,Spring MVC, Hibernate, MYSQL, Apache Tomcat, NetBeans, Junit, Scrum, NetBeans.*

# **Deccan Medical Center - Belgaum, India**

# **DecMed**

# **JAVA/J2EE Developer**

# **Sep 2013-July 2014**

# **Description:**

The application DecMedPortalwas developed as a back-office application for Deccan Medical Center which enables the hospital staff to manage their own portal. The application will be used by all staffs to manage their everything ranging from daily activities, pay stubs and can also check the newsletter of the medical center. The doctors will be able to update their services performed to patients and could be stored as a database for future references.

***Responsibilities****:*

* Designed UML diagrams such as Use Cases, Sequence diagrams, Class diagrams.
* Worked on login and registration modules which enables users of **DecMedPortal**to sign in to the website using Servlets and JSP.
* Developed modules for updating patient information and services provided to them which is highly used by the doctors.
* Worked on Leave Management and Payroll modules using **JSP, JSTL, jQuery and Servlets**.
* Used HTML5, CSS3 to build registration and login web pages of the **DecMed** application.
* Used JavaScript and jQuery library for performing client-side form validations.
* Wrote extensive queries to interact with MySQL Database to store product information.
* Used **Junit** framework and wrote several tests

**Environment:***JAVA7, JavaScript, jQuery, HTML5, CSS3, MySQL, Servlets, JSP, jUnit*

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| **Education** |
| **Illinois Institute of Technology**  *Master of Science in Computer Science* |