# **Sukesh D**

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| EXPERIENCE SUMMARY: |

* **9+ years of software experience in** **Java/J2EE** with proficiency in **Analysis, Design, Development, Deployment, Coding, Testing** and **Implementation** of web-based and Client/Server Applications in domains such as insurance and retail**.**
* Experience in developing web applications using technologies like **HTML5, AngularJS, JavaScript, AJAX, CSS, DOJO, JSP Tag libraries, Tiles and XML.**
* Experienced in **Client-side validations** using Ajax in **Node**.**js**, **AngularJS** and Dashboards reports using Backbone.JS in working with **Agile and Waterfall methodologies**, **Scrum** and **Test-Driven Development (TDD)**.
* Expertise in **Micro services** to communicate through **HTTP protocol** for implementing **SOA** approach Mastered creating application with **spring** **core**, **Spring** **Boot** 2.2.1, **spring** web and **Spring** **ORM** integration.
* Expertise in designing, developing and deploying applications using **J2EE technologies** including Servlets, JSP, EJB 2.x/3.x, JSTL, Struts, **Spring** **4.0,5.0,** **JMS, AJAX, JDBC, JNDI**, **Java** **8,** **Hibernate** and **Web Services**.
* Experienced in creating **web applications** using **HTML/HTML5, CSS/CSS3, Bootstrap, JavaScript (ES5), jQuery, AngularJS (6.7), JSON, NodeJS, and ReactJS.**
* Strong skills in **Object Oriented design and development** (OOAD) using Rational Unified Process and Unified Modeling languageabout **PCF**, **Bamboo**, Jira **Rest APIs**.
* Designing and developing **Micro services** architecture applications and Experience in handling messaging services using **Apache Kafka**
* Expertise in **Functional Testing**, **GUI** testing, System Testing, End-End Testing, Integration Testing, Regression Testing, Data Driven Testing, browser compatibility testing, **Load and Performance Testing** of client/Server and Web-based applications.
* Developed applications using **J**-**Boss**, ATG Dynamo, **Web** **Sphere**, **Tomcat** and various **IDE's** like **NET Beans,** **IntelliJ14.x/15.x**. and **Eclipse.**
* Expertise in Distributed and Web environments, focused in **Java** Technologies **Java collections**, **Threads**, **J2SE**, **JDBC**, **Struts**, **Spring MVC, Hibernate** Framework
* Extensively Used **Jenkins** as Continuous Integration tools to deploy the Spring Boot **Micro services** to **Pivotal Cloud Foundry** (PCF) using build pack
* Experience in creating **Docker** Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch
* Experience in working with other **IOS and Android** developers to complete detailed projects performed code updates and releases using **Git and Jenkins** Deploy tools to send out updates to various pieces.
* Having experience with **Cloud Computing** environment like **Amazon Web Services (AWS) e**xpertise in working with Collections **API, Multithreading** and **OOP**s technologies.
* Strong knowledge of **Google Cloud** application security models, protocols and tools like **AWS IAM**, **AWS KMS** policy, Microsoft **Azure AD**, Google Cloud
* Possessing good interpersonal skills appl **Kubernetes** in coordinating various teams like development team, QA team and support team as required
* Experienced working in **Agile environment**, **Test Driven Development** and **Scrum** good experience working on **REST and SOAP** based web services.
* Experience in **SOA** and implementing **Web Services** using **SOAP**, **WSDL** implemented Connectivity to databases using **JDBC API** from **Servlets** and **JSP** through **Java** Beans & Enterprise Java Beans (EJB).
* Experience in bash and **Python** scripting with focus on DevOps tools, **CI/CD and AWS** Cloud Architecture configuring and deploying the applications into **Tomcat, Nginx, WebSphere, WebLogic** and **Jboss**
* Experience in working with **Oracle**, SQL **Server, MySQL** databases and writing **SQL and PL/SQL queries** Database like **Mongo DB**, **Cassandra** to manage extremely large data sets
* Experience in installing, configuring, tuning **Apache Tomcat, WebLogic and WebSphere** in supporting Code Releases and Deploying applications in Production.
* Demonstrated ability to work as an individual contributor as well as a team player with excellent problem-solving skills, troubleshooting capabilities, and in in learning new tools and concepts.

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| TECHNICAL SKILLS SUMMARY: |

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| **Languages** | Java (J2SE 1.8/1.7/1.6/1.5, JEE 6 / 5), J2EE, JSP2.1/2.0/1.2, Servlets2.x/3.x, Python, C++ |
| **Frame Works** | Spring5.0/4.0, Spring MVC, Spring Boot, Spring Cloud, Struts, Hibernate 4.x/3.x |
| **Web Technologies** | HTML 5/DHTML, XHTML1.1, JavaScript, jQuery, Angular4/6/7, NodeJS, ReactJS, CSS3, XML1.0, Bootstrap, AngularJS |
| **Web/Application Servers** | Tomcat 7.x/6.x, Web Logic 10.3/9.2/8.1/7.0, IBM WebSphere6.x/5.x/4.x, JBoss 7.0, JAX-WS (SOAP), JAX-RS (REST, REST API), WSDL |
| **AWS** | EC2, RDS, S3, ELB, EBS |
| **Build Tools** | Pivotal Cloud Foundry (PCF), Google cloud, Azure, CI/CD, Docker, Kubernetes |
| **Messaging Services** | JMS, Active MQ, Rabbit MQ, Confidential MQ, Apache Kafka, JAXRS, JAX: WS, Apache CXF, Axis, Jersey |
| **Databases** | MYSQL, SQL Server, Oracle 11g, Mongo DB, Sybase and Cassandra |
| **Version Control** | GIT, CVS, Clear case, SVN, Maven, JIRA |
| **Methodologies** | Agile Methodology, Waterfall Methodology |
| **Other Tools** | Ant 1.7, Maven 3.x, Gradle3.x, Jenkins (CI), Rational Rose, Log4J |
| **Languages** | Java (J2SE 1.8/1.7/1.6/1.5, JEE 6 / 5), J2EE, JSP2.1/2.0/1.2, Servlets2.x/3.x, Python, C++ |
| **Frame Works** | Spring5.0/4.0, Spring MVC, Spring Boot, Spring Cloud, Struts, Hibernate 4.x/3.x |

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| PROFESSIONAL SUMMARY: |

**Client: Wells Fargo, Charlotte (NC) May 2022 – Till Date**

**Role: Sr. Java Developer**

**Responsibilities:**

* Extensively used **Java 8** features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Analyzes design and determines coding, programming, and integration activities based on general objectives and overall architecture of product or solution using **Java11**.
* Designed and developed **microservices** business components using intelliJ.
* Experienced in different **SDLC** methodologies like **Agile**.
* Coordinated with Project Managers, Development Team, Business Analysts, and End-Users for better quality testing. Worked closely with business team to understand the Requirement Document in creating Test Plan.
* Worked with **Cucumber** in **selenium** including **TestNG.**
* Coordinated with the QA team in testing of the application in various environments.
* Worked independently with UI teams & Data to ensure high data quality coordinated release management and worked closely with operations' teams to ensure seamless production delivery.
* Coordinated with the offshore team and coordinated with the project management team to get the task completed on time and with quality.
* Used **Jenkins** for continuous integration in which all development work is integrated and involved in deploying the application using **PCF**.
* Worked on performance testing by creating a **Jax file** for **API** as well as UI and tested in both the environment Dev/QA both by using a tool **Vulcan** & **JMeter** and load the test results.
* Responsible for writing **TDD scripts** with **Cucumber, testing automation**.
* Implemented **RESTful API** gateway to facilitate communication with external **web APIs**.
* Used **Postman** for testing the **web services**.
* Developed **Kafka consumers** to consume data from **Kafka topics** and integrated **Kafka sources** to read and publish.
* Experience with IDEs like **IntelliJ**.
* Use of tools such as **findbugs, Jenkins, Sonar** to ensure the continuous integration in the project.
* Mocked, validated, and documented **Web API** (**Swagger, Postman**).
* Independently integrate multiple **APIs** and new features.
* Setup the **(CI/CD)** process for the application using **Jenkins, Docker**.
* Extensive experience in designing **MongoDB** multi-shared cluster and monitoring with MMS.
* Get the error report and analyze the defects and also categorize the defects using the **SPLUNK** tool.
* Used Gradle and **Jenkins** for building applications and deploying to application Server.
* Experience in **Gradle** Build tool and understanding the artifactoy and repo structure.

**Client: Duke Energy ,Charlotte (NC) Jul 2020 – April 2022**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Involved in different stages of Software Development Life Cycle **(SDLC)** including analysis, designing, coding, and testing implemented all web applications with object-oriented principle and design patterns.
* Designed and Developed User Interactive (**UI**) Web pages using **HTML5**, **ReactJS**, **Bootstrap**, **CSS**, **JSX**, **jQuery**, **AJAX** and **NodeJS**, **Spring** **REST** using **Micro services**.
* Developed **Spring** **JMS** message listeners to consume **JMS** messages from queues and used **Spring** transaction management to manage the transactions in the application.
* Worked with **Spring 5** framework at Business Tier and uses **spring** container for initializing services and used **Spring** **core** annotations for Dependency Injection such as Bean, Component, Repository, Auto wired etc.
* Worked with **SOAP** framework with **Hibernate** to map to **Oracle** database and mapping using **Hibernate** annotations responsible for maintaining the code quality, coding and implementation standards by **code** reviews.
* Created various unit test cases and integration tests for the **DAO**, **Service**, and Controller components using **JUnit**, and **Spring** test support.
* Developed the **DAO** layer for the existing applications using **spring**, **Hibernate** and developed various business logic and reports using **HQL** and **Hibernate** Criteria.
* Developed the **React** **Web** **UI** components using **Atom** **IDE** and made **backend** **REST** calls unit test cases for various react components using **JEST** and **Enzyme**.
* Participated in development of a well responsive Single page application **CCA** using **AngularJS** framework, **Java 8** in conjunction with **HTML5**, **CSS3** Standards used **Apache** **Kafka** in handling messaging services.
* Developing internal Web Application in **Groovy**/**Grails** with **Mongo** **DB** as a data store. Using the IntelliJ **Idea** 15.0.4 **IDE** with the latest **Grails** 3.1.1 **SDK**.
* Implemented **Restful** Web services to retrieve data from client side and made **REST** **API** calls from **Angular7** and parsed the data to project to the client and handled the security and Authorization using **Spring** **Security** and **OAuth**.
* Experience in **Micro** **services** development using **Spring** **Boot** and deployment in **Pivotal** **Cloud** **Foundry** (**PCF**).
* Worked on **CI/CD** deployment pipeline using **Bitbucket**, **Atlassian** **Bamboo**, **AWS** **ECR**, **Harness**, **Docker** containers and Rancher for managing **Kubernetes** clusters
* Deployed **Spring** **MVC** based **micro services** **Docker** and **Amazon** **EC2** container using **AWS** admin console provide thought leadership for **cloud** developer technology inside **Google** and collaborate with cross-functional engineering teams to streamline or improve adoption of **Google** **Cloud** Platform.
* Used Express with **NodeJS** to create Web services which consume data from **Azure** **cosmos** **DB** worked on **Mongo** **DB** concepts such as locking, transactions, indexes, replications, schema design.
* Developed routing components in the application using react-router module for various components and views enterprise Application in an **AGILE** environment using **Python**, **Django**, **HTML**, **CSS3**, **JavaScript** and **Bootstrap**.
* Worked on creating service classes for Monitoring calls to the application to send as metrics to **Grafana** using **Graphite** **API** Integration and New Relic.
* Used **Apache** **Maven** to build the application. Implementing the **micro services** using **Java**/**J2EE** in monitoring the **EAR** builds in **Jenkins** environment for **phase** 4 & **phase** 5 **EPICS** application
* Consumed **Restful** web services using **apache** **Http** Client for the data coming from external systems designed, developed and migrated custom **Mongo** applications specific to client needs.
* Worked with **JIRA** for project management, tracking and monitoring errors reviewing the Database Schemas across the different domain. Worked on the Integration of the **Code** and deliver the **build** to **UAT** Team.
* Worked with extensively **Eclipse** in development and debugging the application interacting with the **offshore** team to **assist** them in the development and help them understand the requirements and performed **Code** Reviews.

**Environment:**  Java 8, J2EE, Spring 5.0, Spring Boot 2.7.1, Spring MVC, SOAP, Hibernate7.2, Micro services, REST, REST API, CSS3, XML, Angular7, AngularJS, ReactJS, PL/SQL2.3, CI/CD, Mongo DB, Python, Kubernetes, AWS1.3.580, Google Cloud, PCF, NodeJS, Splunk, Azure, Apache Kafka2.5.0, Docker19.03.12, JAX-RS, JUnit4.13x, Mockito, , SCDF, Jenkins 2.0.

**Client : SAP, Remote Aug 2018 - Jun 2020**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in development and architecture review meetings, code reviews, analyze service profile requirements in confluence, retrospective meetings and support on staging and production environment.
* Designed and developed **Microservices** using **Jersey framework REST**, **Spring4**, **SOAP** and also used **Apache Kafka** to push stuff on a queue for the service that needs the stuff to be done asynchronously.
* Participated in development of a well responsive Single page application CCA using **AngularJS** framework, **JavaScript** in conjunction with **HTML5**, **CSS3** Standards.
* Custom validator developed in Hilton such as @NotNull, @NotEmpty, @Pattern. Initially used **Hibernate** validator **Spring MVC**, JSP on IBM WebSphere to serve as knowledge base for application support
* Used **NoSQL** (couch-base) database and MySQL database, created DAO's using JDBI and Couch base for interacting with Database analyze, design and Implement application architecture to suit the development of software using **JAVA**/**J2EE** worked extensively on Snowflake for the applet recursions.
* Logging framework Log4J and Slf4j is used for log messages. Implemented log4j for application logging and to troubleshoot issues in debug mode.
* Designed using **JSP**, **AJAX**, **HTML5**, **CSS3**, **JavaScript**, **XML** and **NodeJS** applications using technologies like **NodeJS**and tool Web Storm.
* Used Azure **Kubernetes** Service to deploy a managed Kubernetes cluster in Azure and created an AKS cluster in the Azure portal, with the **Azure CLI**, also used template driven deployment options such as Resource Manager templates and Terraform
* Developing scripts for build, deployment, maintenance and related tasks using J**enkins, Docker, Maven, Python** and **Bash** using Jenkins for **CI/CD,** using **Ant, Maven for build**, **GIT** for version control
* Extensively Used Jenkins as Continuous Integration tool to deploy Spring Boot Microservices to **Pivotal Cloud Foundry** (PCF) using build pack
* Deployed build and deployment scripts using **ANT** and **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Modified the UI screens created by web designer using HTML5, JSP, CSS3, **Angular6** (for an instance) on **REST API** generating the Web services classes by using Service Oriented Architecture (SOA) and maven
* Developed application using **Spring** **Boot** and configured beans using **Spring** IoC, creation of **Hibernate** mapping files and generation of database schema.
* Extensively used **JUnit** for Unit Testing and Cucumber framework for Integration testing **Map Struct** for copying or mapping request models to entity or entity to response models.
* Used Jira Atlassian tools like Bamboo for Continuous Integration and deployment, Bitbucket and Confluence **Splunk** for analyzing Logs.
* Daily stand up the meeting with client team and offshore to document the project status. Implemented several design patterns like Singleton, Factory.

**Environment:** Jdk 1.5, J2EE, Spring MVC, (REST, SOAP), REST API, Micro sevices, Hibernate, Spring Boot, Apache Kafka v11, Springs 4.0, JDBI, MySQL database, Angular6, AngularJS, PCF, CI/CD, Azure, Python, NodeJS, Wire-mock, Power-mock, H2k, Cucumber framework, Jersey, Scala, Jackson, SoapUI Servlets, GIT, Splunk, Maven, Tomcat Application server Agile process, Docker, Jira, Confluence, Stash, Bam-boo, Wso2, HTML5, , JQuery.

**Client : Takeda, Raleigh (NC) Aug 2017 - Jul 2018**

**Role: Java/J2EE Developer**

**Description:** The Takeda Pharmaceutical Company Limited is an American- Japanese multinational pharmaceutical company, with partial American and British roots. It is the largest pharmaceutical company in Asia and one of the top 20 largest pharmaceutical companies in the world by revenue.

**Responsibilities:**

* Expertise in the use of **Java/J2EE** design patterns like singleton, MVC, builder and strategy patterns involved in analyzing the **requirements**, **Design**, **Code** development and unit testing.
* Worked on developing **Restful** endpoints to cache application specific data in in-memory data clusters like **REDIS** and exposed them with **Restful** endpoints.
* Worked with **Mockito** mock framework in conjunction with **JUnit** which allows to create and configure mock objects and to develop tests cases for classes with external dependencies.
* Configured **Hibernate** configuration file and **Hibernate** mapping files and developed POJO’s to map objects to Oracle relational database.
* Developed and consumed **SOAP**/**Rest** Web Services using **XML** and **JSON** message formats worked with DevOps/Continuous integration tools like **GITHUB** and **Jira.**
* Using **Git**, **Maven** for making builds and deployments of the application components ability to communicate with all levels of the project team members including project stakeholders/BPO users.
* Used **Micro Services** architecture, with **Spring boot**-based services interacting through a combination of **REST** and **Spring boot**.
* Involved in building a single page and cross browser compatible web application using **AngularJS** and **bootstrap** exposing application as a **Micro Services** of cluster using pods, services.
* Designing and developing business and persistence layer components using **MySQL**, PostgreSQL using ORMs like **Hibernate**, Spring Data, JPA, Mongoose.
* Developed the user interface components using **HTML5, CSS3, JavaScript, AJAX, JQuery and also created custom tags.**
* Developed the application with **Continuous Integration and Deployment using Jenkins** implemented and tested the enterprise application with **jQuery,** **AngularJS** and **Spring MVC**
* Experience in upgrading the existing **Cassandra** cluster to latest releases.

**Environment:** Jdk1.5, J2EE, JSP, Spring 3.0, Spring boot, Spring MVC, Hibernate, SOAP, REST, REST API, AngularJS, JDBC, Eclipse, Web sphere, Micro Services, Cassandra, MySQL, MVC, JUnit, XML, OOAD, UML, TFS, SQL Server, ANT, Maven.

**Client : AT&T Dallas(TX) May 2016 - Jul 2017**

**Role: Java Developer**

**Responsibilities:**

* Participated in Analysis and Requirement phase of **SDLC** for this project by gathering client requirements implemented Service layer using **Java** and **Spring Boot**.
* Designed the application (client product) based on client – customized architecture, a 3-tier architecture comprising of Presentation, Service and Data Access Layers.
* Developed online forms (Presentation layer) for Customers to apply for product/service using **JSP, Struts 1.3, AJAX and CSS.**
* Accomplished client-side validations using **JavaScript**. Developed various generic **Java**Script functions used for validations.
* Developed the functionalities using **Waterfall Methodology** used **Hibernate 3.0** to fetch Data from Database DB2 and process it in Service layer.
* Implemented **Spring Boot** services in combination with **AngularJS** as a front end to form a **Micro service** Oriented application
* Created and injected **Spring services, Spring controllers and DAOs** to achieve **dependency injection** and to wire objects of business classes.
* Experience in making the Devops pipelines using **Openshift and Kubernetes** for the **Micro Services** Architecture used **EJB** and Web Services to retrieve data from client side.
* Developed business objects using POJOs and data access layer using **Hibernate framework** used **Spring** **MVC** Inheritance to **SOAP** develop beans from **J2EE** already developed parent beans.
* Used **Spring** config server for centralized **REST** configuration and Splunk for centralized logging. Used Concourse and Jenkins for **Micro Services** deployment
* Implemented **SOA** to develop **REST API** Web services using Apache Axis created **DDL and DML SQL** scripts for creation of database objects.
* Created new tables, **PL/SQL** stored procedures, functions, views, indexes and constraints, triggers and required SQL tuning to reduce the response time in the application.
* Worked closely **with QA team and fixed QA bugs** as well as production issues with a quick turnaround time used logical and physical data models putting to practice, concepts of normalization and RDBMS.
* Used **IBM RAD IDE** to develop and debug application code **Maven** building tool for creating EAR file to be deployed in application servers.
* Deployed the application on Web Sphere application server for Staging and Production used **SVN** for project management and version management.
* Scheduled the daily status meetings within the **offshore team** and also used to communicate the same to the onsite team accordingly resolved defects by fixing it as it appeared in the project.

**Environment:** J2EE, Java, Spring Boot, Spring MVC, SOAP, REST, REST API, Micro Services, Kubernetes, Hibernate 3.x, AngularJS, JSP 2.0, CSS3, Servlets, JDBC, AJAX, Web services , Java Beans, JQuery, JavaScript, DB2, Eclipse, Apache Tomcat 6.0, JBoss, Waterfall Methodology, SVN.

**Bhaskara Infotech Pvt Ltd, Hyderabad, India Aug 2014 - Jan 2016**

**Java Developer**

**Responsibilities:**

* Involved in requirements understanding and development of the product.
* Used UML for designing class diagrams and sequence diagrams.
* Developed the MVC using Struts web application using Struts Studio and ANT tool kit.
* Developed the user presentation screens using JSP and Structs Framework.
* JSP development involving creation of custom tags and java beans.
* Involved in coding with Struts Action classes and java Server pages.
* Used JDBC connection pooling to handle data transmission from the oracle database.
* Responsible for CRUD operations using Hibernate ORM and used Hibernate to integrate with the backend database.
* Used jQuery, JavaScript for validations and drag and drop functionality, calendar, pop up window.
* Involved in Junit testing and integration Testing.
* Was active in developing the implementation and testing phases of the life cycle.

**Environment:** Struts 1.1, J2EE 1.4, Hibernate, JSP 1.2, Servlets 2.3, Javascript, JQuery, JDBC 2.0, EJB 2.0, XML, MySQL, HTML, CSS, Junit, JavaScript, UML, Eclipse, jBoss 4.