**Bhavya D**

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**Summary:**

* 8+ years of experience in IT Industry in Java J2EE using core and advanced java, well acquainted with software development life cycle and following agile methodology.
* Involved in all phases of Software life cycle including **Analysis, Design, Development, Testing, Implementation,** and **support**.
* Extensive **Object-Oriented Programming** experience using **JAVA** and **J2EE.** Designed and implemented Web based applications in **J2EE, Spring Boot, Hibernate and Micro Services.**
* **Used MVC (Model View Controller)** architecture for developing web applications.
* Involved in build and release and version control management using **Maven, GIT, and Jenkins.**
* Worked in Production stability and maintaining applications.
* Experience in interacting with Database technologies like **Oracle** & MySQL using JDBC.
* Implemented applications which exposes **RESTFul** APIs with **spring boot, JPA** which deployed in cloud platforms which gives flexibility to scale on demand.
* Hands on experience with DevOps tools using Docker, Kubernetes and Jenkins.
* Maintaining the production stability and worked on tactical and strategic fixes for the issues.
* Good at debugging and problem-solving skills and excellent understanding of system development methodologies, techniques, and tools.
* Experience in working with small and large groups and successful in meeting new technical challenges and finding solutions to meet the needs of the user.
* Highly self-motivated with strong analytical, communication and problem-solving skills, excellent team player and ability to deliver under critical situations.

**Technical Skills:**

Languages: Java, HTML, CSS, Java Script, XML

Frameworks: Spring, Hibernate, J2EE, Spring Boot, Micro Services

Technologies: Web Services, Restful, Tomcat

Tools: Spring, Eclipse, Maven, Jenkins, Docker, GIT, Kubernetes

Database Servers: MySQL, Oracle

Operating Systems: Windows XP 7,8,10, UNIX, Linux

**Educational Qualification:**

**Completed B.Tech in Information & Communication Technology from SASTRA University, Thanjavur, Tamil Nadu, India.**

**Work experience:**

* Currently working as an Application Developer for Saika Technologies Inc, Texas from Feb 2020 to till date.
* Worked as a Software Developer for MSRCosmos IT LLP (MSRCosmos IT Pvt Ltd) from Jan 2012 to Feb 2020.

**Role : Application Developer**

**Project : COT BELL**

**Location : Irving, Texas**

**Duration : Feb 2020 – Till date**

**Project Overview:** Smart Home automation device is used for notification, authorization, locking and unlocking the door. It includes home and industrial security. When someone rings the bell, sensor automatically captures the image and sends an email to owner. Owner can talk to guest if he is authorized and can unlock the door through mobile application, otherwise it remains locked.

**Responsibilities:**

* Developed spring boot based micro services to connect IOT endpoints.
* Implementing routes for various functions like create, delete and subscribe for messages using java/j2ee and spring.
* Developed API to integrate with Zigbee binding components using REST endpoints.
* Used Docker and Kubernetes for CI/CD pipeline.
* Worked on container orchestration tool **Docker** and deployment tool as **Kubernetes** to spin up our micro service applications.
* Used Docker controller for creating and deploying service component to user defined environments.
* Designed and developed container management and orchestration process for **micro services** automated **CI/CD** platform.
* Used JUnit and Mokito for writing unit test cases.
* Used GIT version control for project source management.
* Handling the change requests.
* Created a custom integration and JUnit test cases which adds additional security for packaging and deployment.
* Updated support documentation. Resolve application problems and support end-users.
* Build and manage relationship with business, development team, change management, IT Operations, project managers to resolve critical issues and troubles.

**Technology Stack** **:**   Java/JDK 1.8, j2ee, Spring Boot, JUnit, Windows, Unix, GIT, Jenkins, Maven, Restful, JSON, JavaScript, JIRA, MS Office

**Project**                    : AT&T

**Role**                                  : Software Developer

**Location** : Dallas

**Duration** : Sep 2018– Dec 2019

**Project Overview:**  AT&T Custom application development with micro services architecture support and CDP (Cloud Deployment Platform) automation.

**Responsibilities:**

* Involved in Requirement gathering, Analysis and Design phase to get business requirements from business users.
* Involved in doing AGILE (SCRUM) practices. Involved in planning of sprint attending daily agile (SCRUM) meetings and SPRINT retrospective meetings.
* Package the application using maven and use the AT&T SWM packaging tool to deploy the container onto AT&T SOA CLOUD.
* Designed and developed AT&T Custom solution for Cloud Delivery platform (CDP).
* Worked on container orchestration tool Docker and deployment tool as Kubernetes. Defined Docker File for application image and yaml files for deployment.
* Worked on AT&T specific Seed Management program with java, maven and shell script.
* Involved in defining build process with Maven scripts and customizing through CI builds using Jenkins.
* Developed Unit and integration test framework using JUnit and Easy Mock.
* Developed Kubernetes yaml files for deployment and Stateful deployment process.
* Defined cloud-based Template provisioning, application integration and Deployment.

**Environment & Tools:**   Java, spring, JDBC, JavaScript, Eclipse, JUnit, Windows, Unix, GIT, Restful, JIRA, SQL, Jenkins, Docker, Kubernetes, Log 4j, MS Office

**Role**                                  : Software Developer

**Project :** Citi

**Location** : Irving, Texas

**Duration** : Jun 2017– Aug 2018

**Project Overview:** It is mainly about balance transfer and credit line increase functionality in the credit cards. This has age old legacy web-based system for implementing these flows. This application has been redesigned as responsive web application with the objectives of Intelligent, Efficient and Ease of Use, Integration into one single application and alignment with broader workflow process.

**Responsibilities:**

* Worked closely with project managers, architects and shared responsibility for application delivery/quality of solutions.
* Worked on all the major application requirements to develop and enhance the features for supporting the best customer experience.
* Worked on threat matrix implementation program to safeguard and track/log the high-risk transactions.
* Designed, developed and updated the application using spring framework along with HTML, CSS, Type Script, and JavaScript.
* Participated in scrum/retrospective meetings.
* Used a hybridized method for development- AGILE/Waterfall.
* Used GIT as a repository for the application project folders.
* Used JIRA for trouble tickets and Confluence for our knowledge base.
* Worked on Unit and Integration Test cases.
* Provided production support for the application.
* Worked on developing the pipelines for CI/CD integration of the services.
* Involved in defining build process with Maven scripts and customizing through CI builds using Jenkins.
* Defined cloud-based Template provisioning, application integration and Deployment.
* Involved in regression testing to verify the integrity of application.
* Upheld program quality and delivery standards in developing software solutions, Gold certified.

**Technology Stack**: Java (JDK- 1.7), J2ee, spring, Eclipse, JUnit, Windows, Unix/Linux Scripts, Maven, Agile, Web Services, JSP, GIT.

**Role : Software Developer**

**Project : Softpro**

**Location : India**

**Duration : Jan 2012 – May 2017**

**Project Overview:** It provides a solution for Grid Data Distribution Networking using Java and JDBC. Requests and response are in the form of asynchronous HTTP and synchronous JMS. We have customer data and if other team requires, we send the customer details in the form of text or JSON or file. And also had an end user Solace system, which can send message.

**Responsibilities:**

* Enhanced and supported a platform that provides a unified solution for Grid Data Distribution Network using Java, JDBC.
* Enhanced enterprise level messaging system using JMS API and consumer/send components.
* Worked on JMS message transformations using message components like JSON.
* Configured Queues and Topics as part of application integration and defined solace routing between queues/topics.
* Developed a custom java package for clients using JAVA and JMS which helps in interacting with JMS queues/topics.
* Implemented Script based creation of middleware end points.
* Used GIT Version Control for Project Configuration Management.
* Resolve application problems, support end-users, and manage the processes of reporting, diagnosing, and troubleshooting.
* Build and manage relationship with business, development, change management, IT Operations, and project managers to resolve time critical issues and troubles.
* Provided support documentation for clients to onboard messaging service. Resolve application problems, support end-users, and manage the processes of reporting, diagnosing, and troubleshooting.
* Providing 24\*7 applications supports in production.
* Involved in application support to resolve the Production issues and issue management using Remedy Tool.

**Technology Stack**: Java (JDK- 1.7), Eclipse, JUnit, Windows, Unix/Linux Scripts, Maven, Agile, Web Services, JSP, GIT.