

# PRABANDHA VARAPANA

JAVA DEVELOPER

CONTACT

## PROFESSIONAL SUMMARY



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- Over 7+ years of experience in software analysis, deployment, development, and implementation of Object-Oriented applications with emphasis on solving customer problems with optimizing costs and maximizing efficiency.
- Worked extensively in JAVA/J2EE (JSP, JSF, Hibernate, Spring), XML, XSD, WSDL, REST, SOAP, SOA, Unix, ETL, jQuery, AngularJS, AJAX, Bootstrap and Hadoop ecosystems for both front-end and back-end development.
- Experience in Core java with strong understanding and working knowledge on core java components with Collections, Generics, Polymorphism, Multithreading, Concurrency, File Handling I/O, Data Structures and Java 8 features like Streams, lambdas, Functional Interface, Completable Future, Date API.
- Proficient with different software methodologies like Agile, Waterfall, OOAD and SCRUM to design, develop, implement, deploy, test and maintain web applications using Software Development Life Cycle.
- Skilled in Spring MVC, AOP architecture, design patterns, Collections Frameworks, Exceptions handling & multi-threading.
- Strong experience in JDBC, Servlets, JSP, Java Beans, JMS, Struts, Spring, Hibernate and Web services focusing on smooth backend functioning.
- Experience in design, development and implementation of MVC (Model View Controller) using Spring Framework in addition to using Spring IOC and Spring MVC for REST APIs and Spring Boot for microservices.
- Professional Experience in designing UI web applications using front-end technologies like HTML/HTML5, CSS/CSS3, JavaScript, XML, DHTML, jQuery, AJAX, JSON, AngularJS, ReactJS, Bootstrap4.
- Extensive experience in working with different databases such as Oracle, IBM DB2, SQL Server, MySQL and advanced expertise in writing complex SQL, PL/SQL queries and subqueries like stored procedures, joins, functions, triggers, views and exception handling for retrieving, checking and migrating complex data sets.
- Solid experience developing the rendering view React JS components, forms, events, routers, and Redux asynchronous functions along with Context-api and implemented React - Flux for State Management.
- Used Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers and Developed data pipeline using Apache Kafka.

- Expertise in Amazon Web Services (AWS) such as EC2, AWS RDS, DynamoDB, S3, Elastic Beanstalk, VPC and Security groups, Simple Email Services, Simple Notification Services and developed server-less applications using AWS Lambda and DynamoDB.
- Experience with designing and configuring secure Virtual Private Cloud (VPC) through private and public networks in AWS and creating various subnets, routing tables, internet gateways for servers.
- Skilled in Java Technologies and servers like Servlets, JSP, xml, Jetty, Tomcat and JBoss servers.
- Competent experience in JDBC, Servlets, JSP, Java Beans, JMS, Struts, Spring, jQuery, Hibernate and Web services focusing on effortless backend functioning.
- Hands on experience working with Spring Cloud–Netflix OSS for microservices deployment and auto configurations like Ribbon (client-side Load Balancer), Hystrix (fault tolerance), Zuul (gateway for routing, monitoring, security) with Eureka service registry and log management with ELK.
- Experience in creating Docker images, Containers, push/pull, Worked on capacity management for kubernetes cluster system.
- Hands-on experience with Apache Kafka development, primarily focusing on producer / consumer in creating Consumer groups, setting up Retention Policies in a configurable way and Zookeeper.
- Configured Apache Kafka Consumer and Producer metrics to visualize the Kafka system performance and monitoring & used Apache Kafka as the messaging infrastructure for asynchronous processing.
- Performed Unit Testing, Integration Testing and generation of test cases for web applications using Log4J, Mockito and used Jasmine for front end testing and automation framework like Selenium.
- Experience in working with testing tools like Karma, Jasmine, Cucumber, and protractor.
- Experience with Relational Database technologies and tools like T-SQL, Microsoft SQL Server, MySQL, Oracle and decent experience in NoSQL databases like MongoDB, DynamoDB and Cassandra DB.
- Experience using Hibernate for mapping Java classes with databases and using Criteria API and HSQL.
- Motivated team player with ability to work under minimal supervision possessing excellent communication, problem-solving and analytical skills

# SKILLS

## PROGRAMMING LANGUAGES

- Java
- J2EE
- Python
- Scala
- PL/SQL
- Shell scripting

## JAVA/J2EE TECHNOLOGIES

- Servlets
- JSP, JSTL
- JDBC, JMS
- JNDI, RMI
- Multi-threading, Java Networking
- STRUTS, JSF
- JFC/Swing
- AWT

## WEB DEVELOPMENT

- HTML5,
- CSS/CSS3
- JQuery
- JavaScript
- AJAX
- SASS
- Bootstrap
- XML

## FRAMEWORKS

- Struts
- Spring
- Hibernate
- ReactJS

## XML / WEB SERVICES

- XML
- SOAP
- AWS
- Bootstrap

## MESSAGING TECHNOLOGIES

- JMS
- RabbitMQ
- Kafka
- AWS-SQS

## APPLICATION / WEB SERVERS

- IBM WebSphere
- BEA Web Logic
- Apache Tomcat
- JBOSS
- Web Socket

## TESTING FRAMEWORKS

- Junit
- Jasmine
- Selenium
- Cucumber
- Karma

## DATABASES

- Oracle
- PostgreSQL
- PL/SQL
- Mongo DB
- MySQL
- Cassandra

## IDES

- Eclipse
- IntelliJ
- STS
- NetBeans

## BUILD AUTOMATION

- Ant
- Maven
- Gradle
- GitHub
- Jenkins
- Artifactory

## TESTING AND LOGGING FRAMEWORKS

- JUnit
- Log4J
- Selenium
- Mockito

## TOOLS

- TOAD
- AWS
- Microsoft Visio
- XML Spy
- Rational Rose

## OPERATING SYSTEMS

- Windows
- Unix
- Linux
- macOS

## METHODOLOGIES

- Agile
- Waterfall
- Scrum
- TDD
- RUP
- RUP
- OOAD
- UML

**CLIENT: YASH TECHNOLOGIES PVT LMT**

**LOCATION: NEW JERSEY, NJ**

**APRIL 2022 - PRESENT**

**ROLE: SR. FULL STACK DEVELOPER**

### **RESPONSIBILITIES:**

- Implemented Bean classes and configured in the spring configuration file for Dependency Injection, Developed Controller Classes using Spring MVC, SpringAOP, Spring Boot, and Spring Batch modules, and handled security using Spring Security.
- Worked on Microservices implementations using Spring Boot.
- Designed and coded from specifications, analyzed, evaluated, tested, debugged, and documented the existing application using Tableau.
- Created Microservices as part of Lambda function development using Node.js Serverless architecture.
- Ran Log aggregations, website activity tracking and commit logs for distributed systems using Apache Kafka.
- Selecting the appropriate AWS service based on computing, data, or security requirements.
- Created multiple Kubernetes Clusters in AWS and deployed a Docker Image on top of Kubernetes.
- Designed and implemented AzureSQL databases, including creating tables, views, stored procedures, and functions.
- Used Maven as a build and dependency management tool for creating EAR, WAR, and JAR files to be deployed in application servers and integrated with Jenkins, and Jenkins Jobs.
- Worked with performance tuning and optimization of Azure SQL databases.
- Worked on POC concepts to move Monolithic Applications to Micro services using Spring Boot and NOSQL.
- Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor applications.
- Used GIT as version management and GitHub as the repository.
- Responsible for maintaining the unit test case using the JUnit4/5 and Mockito, PowerMock framework while using Git and Bitbucket as source code repositories.
- Used a JFrog repository to store artifacts and used WebSphere as the server.
- Used Docker for deployment and Kubernetes to orchestrate Docker containers and configured pods.

### **ENVIRONMENT**

- HTML5, CSS3, JavaScript, Typescript, Java, Spring boot, Hibernate, Spring AOP, Spring Data, AWS, Jira, Jenkins, SQL, My SQL Server, MongoDB, Git, GitHub, Postman API

**CLIENT: HERBALIFE**  
**LOCATION: NORTH CAROLINA, NC**  
**ROLE: SENIOR JAVA DEVELOPER**

**APRIL 2019 - NOV 2021**

**RESPONSIBILITIES:**

- Analysis, Design, Development, Testing, Implementation, and Maintenance phases of software application development using AGILE methodology.
- Developed REST web services to facilitate communication between clients and servers.
- Designed dynamic user interfaces using AJAX and jQuery to retrieve data without reloading the page and sending asynchronous requests.
- Designed and developed the REST based Micro services using Spring Boot, Spring Data JPA, and Authentication for Restful services using OAUTH 2.0.
- Created various MongoDB collections and wrote services to store and retrieve user data for the application on devices and used Mongoose Connector to access the MongoDB.
- Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring AOP, Spring IOC, and Spring Web flow for reactive programming.
- Experienced in the implementation of JMS to exchange information over reliable channels asynchronously by using RabbitMQ as a message queue.
- Involved in creating unit testing of various layers using Junit with EasyMock and created automated test scripts for integration testing using Selenium. Worked with Spring Batch to convert xml files to database records using Quartz Scheduler.
- Used Spring Transactions in the application and developed Session beans for the business logic at the middle tier level.
- Worked on using PostgreSQL database to store the application related data and performed data related operations i.e. Indexing, Cursors, and triggers.

**ENVIRONMENT**

- Java, J2EE, JDK 1.8, Servlets, JSP, Struts, Hibernate, Spring, Web Services REST , JAX-RS, JSP, jQuery, JSON, AJAX, HTML, JavaScript, WebLogic server, Eclipse, Agile, JUnit, Log4J, Spring JPA.

**CLIENT: : SNAP HUNT PVT LTD, INDIA**

**ROLE: JAVA DEVELOPER**

**AUG 2016-FEB 2019**

**RESPONSIBILITIES:**

- Managed application state using server and client-based State Management options.
- Coded JavaScript for page functionality and Pop-up Screens.
- Implemented AJAX functionality using JQUERY, JSON, and XML.
- Used Spring Transactions in the application and developed Session Beans for the business logic at the middle tier level.
- Extensively used JQUERY UI library to create various components for the web application.
- Used Bootstrap to give solid visual properties.
- Developed the front-end in HTML/CSS including Bootstrap and Vue.js.
- Performed Unit Test using the Jasmine test framework.
- Developed RESTful API using Spring Framework for the CRUD Operations with Hibernate.
- Designed new classes, and functionalities using JQUERY components for CRM application for customer service.
- Wrote extensive HTML, CSS, and JavaScript code to build dynamic pages using Eclipse.
- Developed and designed the various screens and their architecture in accordance with UI Specs.
- Maintained and manipulated databases for XML parsing for applications in MYSQL.

**ENVIRONMENT**

- Java, Spring, Hibernate, HTML, CSS, JavaScript, JSON, AJAX, JQUERY, SVN, Eclipse, XML.