**Vipul Pawar**

**Full Stack Java Developer**

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**Professional Summary:**

* Around **8+** of experience working as a Java /J2EE developer in the areas of Analysis, Design, Development, Coding, Implementation and Testing of web based and client server multi-tier applications.
* Extensive experience in developing and designing user-friendly, cross-browser compliant websites,

and User Interface (UI) applications in various domains.

* Experience working on **Java Server Faces** (JSF) to build java technology-based web application on

server side for event handling, data conversion, server-side validation, and page navigation.

* Extensive knowledge in developing **Single Page Application** (SPAs) using multiple JavaScript frameworks like **AngularJS** and **NodeJS**.
* Experienced in developing front end applications using **HTML4/5, XHTML, DHTML, CSS2/3, Bootstrap, Angular JS, Angular2** and developing dynamic web pages.
* Experience in using **React JS** components, Forms, Events, Keys, Router, plus **Redux**, Animations, and **Flux**

**concept**.

* Good experience in various open source frameworks like **Hibernate** and **Spring**.
* Especially **Spring MVC, Spring IOC, Spring AOP, Spring Data, Spring IO, Spring Security**, and **Spring Boot**.
* Technologies, Patterns, and popular open-source framework **Struts, Spring MVC, Spring, JPA,** and **Hibernate**.
* Experience in using frameworks like **Struts, Struts validator framework, Hibernate** and **OR-mapping**, **Spring**, build tools like **ANT, MAVEN,** and logging framework **Log4J**.
* Utilized **Hibernate** for Object Relational Mapping (ORM) purposes for persistence onto the database.
* Used **Apache Kafka** as a messaging layer.
* Written JUNIT tests as per the use case and used **Mockito** framework to confirm the expected results and Developed test scripts in **Selenium** Web Driver using Java Language.
* Experience with automated testing using **Jmeter** andunit testingusing **JUnit**, developed various applications using **ANT**.
* Extensive experience with version control tool **Git**, familiar with Git Bash Commands and IDE integration.
* Hands-on experience on development tools like **Eclipse**, **IntelliJ, NetBeans, My Eclipse, and JDeveloper.**
* Hands-on experience in OOPS and Multithreading concepts.
* Hands-on experience in building applications with **Maven** and **Gradle**.
* Extensively Used **Jenkins** as Continuous Integration tools to deploy the **Spring Boot Microservices** to **Pivotal Cloud Foundry** (PCF) using build pack.
* Hands-on experience in Azure Cloud Services (PaaS & IaaS), Storage, Web Apps, Active Directory, Logic Apps, Data Factory, Service Bus, Traffic Manager, Azure Monitoring Application Insights and SQL Azure.
* Implemented Infrastructure automation or serverless **Kubernetes** to eliminate routine tasks like provisioning, patching, and upgrading.
* Experience with container-based deployments using Docker, working with Docker images and Docker Hub.
* Experienced with IDE's like Eclipse, My Eclipse, and Net Beans.
* Expertise in using version control systems such as CVS, SVN and GIT.
* Expertise in **AWS management console** as well as the AWS command line interface (CLI) AWS

reference architectures and should have experience gathering requirements, working with the customer to

define solutions based on AWS and/or Microsoft Azure

* Experience writing SQL Queries, Triggers, and Stored Procedures in Relational Database management

systems like Oracle, MS SQL Server, MySQL, and DB2.

* Experienced in using Version Control Tools such as Subversion, CVS, PVCS and Clear Case.
* Strong analytical, interpersonal and communications skills. Demonstrated track record of analyzing
* situations, implementing in a fast-paced environment.
* Excellent team player, very dynamic, flexible with positive attitude and excellent learning skills.
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**Technical Skills:**

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| **Language** | Java, JavaScript |
| **Java Technology** | JSP, Servlet, JPA, JUnit |
| **AWS Components** | EC2, AMI, IAM, ELB, auto scaling, launch configuration, SNS, SES, S3, RDS, VPC, Route53, Cloud Watch, Cloud Formation |
| **Web Services** | RESTful |
| **Frameworks** | Spring (MVC, Core, Data), Hibernate, Spring Boo, Struts |
| **Message Queues** | Apache Kafka, RabbitMQ, ActiveMQ |
| **Application Server** | TomCat |
| **Data Bases** | Oracle, MySQL,SQL Server, MongoDB |
| **Query Language** | SQL, PL/SQL |
| **Version Control** | Git, CVS |
| **Operating System** | Windows, Linux |
| **Logging/Monitoring tools** | Splunk, Prometheus, Grafana |
| **Container Technologies** | Docker, Kubernetes |
| **Build Tools** | Jenkins |
| **Testing** | JUnit, Mockito |
| **IDE** | Eclipse, IntelliJ, NetBeans |

**Professional Experience:**

**Client: Comcast, Philadelphia, PA May 2020 - Till Date**

**Role: - Sr. Full Stack JAVA Developer**

**Responsibilities:**

* Designed User Interface framework using **AngularJS, JSON, XML** and **AJAX**.
* Actively participated in Managing team performance and progress and participated in requirements gathering, analysis, design, development, and testing phases.
* Also responsible for the full-stack development.
* Experience in coding and testing User Interface for cross browser compatibility.
* Experience working in **Agile\SCRUM** Methodology.
* Understand the existing systems and incorporate them into new systems because of changes in new business rules.
* Developed independent Microservices using Spring Boot Rest Controller model and are deployed on UNIX boxes.
* Developed and stored the data in hierarchical namespace in a three-tier data structure and synchronized

the data.

* It includes Hibernate Database management for Objects, Spring MVC implementation using Spring Security

basics, SQL Database, and XML Spring Bean injection.

* Employed **Spring Boot** for initializing and bootstrapping the build configuration for the boot-based web applications.
* Development of cloud hosted web applications and **REST APIs** using Spring Boot with embedded Tomcat.
* Extensively Used **Jenkins** as Continuous Integration tools to deploy the Spring Boot Microservices to Pivotal Cloud Foundry (PCF) using build pack.
* Used **Pivotal Cloud Foundry** to quickly build, deploy and update the applications.
* Developed **Hibernate** mapping files and Hibernate configuration for persisting data to the database.
* Developed API for using **AWS Lambda** to manage the servers and run the code in AWS.
* Selecting the appropriate **AWS** service based on compute, data, or security requirements.
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Used **Swagger** for technical documentation.
* Set up AWS Oracle **RDS** databases for new projects and use data pumps to migrate data to Relational Database Services (RDS).
* Developed test scripts in **Selenium** Web Driver using **Java** Language, Setting up the project's automatic build and deployment automation using **Maven**.

**Environment:** Java, J2EE, AWS, Tomcat, Spring 4.x/MVC, Spring Security 4.x, Spring Boot, Hibernate 4.x, JPA 1.2, JUnit, Log4j, Pivotal Tracker, DOM Parser, SQL, PL/SQL, Swagger UI, Restful, AWS, Eclipse Mars, **GITHub,** **Maven, HTML5, AJAX, JSTL libs, JavaScript, Angular JS, D3.JS, CSS, JSON, XML, XSLT.**

**Client: - Charles Schwab Corporation, Westla**k**e, TX Jan 2019 - Apr 2020**

**Role: Full Stack JAVA Developer**

**Responsibilities:**

* Coordinated with project managers, analyzed new proposed ideas Requirements, designed the integrated tool, developed and implemented all the modules.
* Developed User Interface using **React JS**, **HTML5**, **CSS/CSS3(SAAS)**, **Bootstrap 4.0, Redux, MongoDB**.
* Responsible for style, look and feel of the web page with LESS that extends CSS with dynamic behavior such as variable, mixing, operations and functions.
* Implemented various screens for the front end using React.js and used various predefined components from NPM and **Redux library**.
* Worked in using **React.js Router**, Forms, Animations, Keys, components, Events and Flux concept.
* Created a pipeline from MongoDB cluster by configuring Mongoose Connector to sync with multiple sources like Elastic Search or another **MongoDB**.
* Used a microservice architecture, designed and developed RESTful web services using **Apache CXF** and Spring Boot framework.
* Developed test scripts in Selenium Web Driver using Java Language , Setting up the automatic build and

deployment automation of project by using Maven.

Extensively used core Java concepts like Collections Framework, and Exception Handling, I/O System,

Multi-Threading, JDBC, Generics.

* Designed, built and deployed applications using the **AWS stack** (Including EC2, Mongo DB, Docker, Kubernetes Orchestration container (EKS)) focusing on high availability, fault tolerance and auto-scaling.
* Deploying the applications using **Docker** container services and building continuous integration (CI) and continuous deployment (CD) pipeline using **Jenkins** with **GitHub**.
* Perform peer reviews of code to ensure it meets coding and efficiency standards.
* Test high priority and high complexity functionality/defects.
* Delivering and implementing the project as scheduled.
* Participate in project review and status meetings.
* Design and Development as per application requirements.

**Environment:** Java8, AWS stack, HTML5, Apache CXF, CSS3, JavaScript, Docker, Angular 8, Microservices, Restful Web Services, Hibernate(ORM), Spring Boot, Spring MVC, MySql, NoSql, MongoDB, Maven, Jenkins, Selenium, Jira, Log4J, Junit, Git.

**Client: - Epam, LA, CA Mar 2017 - Dec 2018**

**Role: JAVA/J2EE Developer**

**Responsibilities:**

* Worked in **SCRUM** Agile development methodology which includes ite
* Followed **SAFE Agile** principles and methodologies to achieve quality product by interacting with different teams to develop a web application
* Designed the application's front end using **Python, Java, Html, CSS, Ajax, JSON** and **JQuery**.
* Written with object-oriented **Flask, SQL, Beautiful Soup, HTTPLIB2, JINJA2, HTML/CSS**, **BootStrap, Jquery, Linux, Sublime Text, GIT.**
* Used **JavaScript**, **jQuery**, **AngularJS**, Node JS and AJAX technologies for front end user input validations and Restful web service calls.
* Implemented **Angular JS** component router for navigation and the services to connect the web application to backend APIs.
* Implemented **Single Page Application** [SPA] functionalities using **Angular Routing** and used **Angular Lazy Loading** to increase the application's performance.
* Designed and developed Microservices using REST framework and Spring Boot and used Bootstrap along with Angular in creating the application.
* Using **Spring MVC** framework to better control the application's presentation, business, structural and navigational aspects.
* Integration with **Spring Security** and **Spring Boot Thyme** leaf in Web application.
* Wrote Docker files for microservices, also dockerized testing environment for those services.
* **Leveraged Linux Container**s and **AMI's** to create Docker Images/ containers images, tagging and pushing images.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, created Pods and managed using Kubernetes.
* Utilized Kubernetes for the runtime environment of the **CI/CD** system to build, test deploy.
* Designed **Java API** to connect the Amazon S3 service to store and retrieve the media files.
* Using **Amazon RDS** hosted the MySQL database in the cloud.
* Have knowledge on the partition of Kafka messages and setting up the replication factors in Kafka Cluster
* Worked on Big Data Integration & Analytics based on **HadoopSpark, Kafka, Storm,** and web Methods.
* Configured Kafka to read and write messages from external programs.
* Perform peer reviews of code to ensure it meets coding and efficiency standards.
* Test high priority and high complexity functionality/defects.
* Delivering and implementing the project as per schedule.
* Participate in project review and status meetings.
* Design and Development as per application requirements.

**Environment:** Java 1.7, Angular JS,HTML5, CSS3, AJAX, jQuery, Spring MVC, Spring Security, Hibernate, Spring Boot, Microservices, Spring Boot Thyme, Eclipse, SOAPUI, Jenkins, Angular JS, MySQL, HadoopSpark, Kafka, Storm, Maven, Junit, Jenkins, Apache CXF, TestNG, Amazon RDS, Flask, SQL, Beautiful Soup, HTTPLIB2, JINJA2, HTML/CSS.

**Client: - AdventHealth, Altamonte Springs, FL Sep 2016 - Feb 2017**

**Role: Junior JAVA Developer**

**Responsibilities:**

* Involved in discussions with the client to discuss and understand various components of the requirement and to implement the same.
* Involved in a complete software development life cycle with an object-oriented approach to the client's business process and continuous client feedback.
* Employed Agile Model and best practices for software development.
* Worked on designing and developing a complete service-oriented system based on SOA principles and architecture in the agile development environment.
* Worked in SCRUM Agile development methodology which includes iterative and incremental application development, stand up meetings with clients.
* Used core java concepts like Collections, Generics, Exception handling, IO, Concurrency to develop business logic.
* Used **Angular 2.0** to create custom directives for reusable components (multi-field form elements, background file uploads, etc.)
* Designed front-end presentation logic using JSP, HTML5, CSS3 and Strut tags and deployed the design in WordPress.
* Implemented Spring Beans using IoC and Transaction Management features to handle transactions and business logic.
* Developed the whole framework for the projects based on Struts MVC & Spring MVC.
* Involved in connecting bean with databases using Hibernate configuration files.
* Involved in the development of the Spring DAO layer which invoked database queries.
* Developed Session Beans for the transactions in the application.
* Setting up the basic project set-up from scratch of **Spring-Hibernate** App based on Design.
* Used Spring Boot framework for building cloud Microservices and developing Spring based application radically faster with minor configuration
* Worked on debugging python source code to fix issues and did minimal python code development
* Moving existing monolithic architecture to microservices and migrating them to AWS cloud.
* Involved in consuming SOAP based web services so that the business application can integrate with legacy applications and facilitates future applications.
* Used Apache Maven as a build tool for building the Restful web service.
* Delivering and implementing the project as per schedule.
* Participate in project review and status meetings.
* Design and Development as per application requirements.

**Environment:** Java 1.5, Angular 2,Spring 2.5, Hibernate 3.1, J2EE, JSP, JSTL, JQuery, Oracle, Web Logic, Eclipse, ANT, Apache Tomcat, REST, JSON, SOA, J2EE, Oracle, JSP, HTML5, CSS3, Strut tags, Spring DAO, and Web Services.

**Client: - Red Bus, Hyderabad, India Oct 2014 - Aug2016**

**Role: JAVA Developer**

**Responsibilities:**

* Involved in the study of User Requirement Specification. Requested insufficient Information and helped to clear ambiguity in the requirement document.
* Analysis and Design of various modules using SOA and J2EE stack.
* Involved in developing Classes diagrams in UML showing generalization and other relationships, Sequence diagram describing the interaction of objects over time.
* Implemented multithreading and exception handling to improve application functionality.
* Performed debugging and run validations across test case scenarios on the application.
* Maintained technical documentation of software products.
* Assisted in maintaining, updating, and improving existing applications and modules.
* Participated in resolving technical issues that arise during development and provide practical solutions.
* Involved in creation of both service and client code for JAX-WS and used SOAP UI to generate proxy code from the WSDL to consume the remote service.
* Used the Java Collections API extensively in the application as a security protection for XML, SOAP, REST, and JSON to secure Web Deployment.
* Hibernate, which was integrated with the Spring framework, helped map Java classes to database tables using XML files.
* Used SVN to check-in and check-out and coordinate among team members for Version Controlling.
* Interacted with Business Analysts to come up with better implementation designs for the application.
* Provided production support for the application both onsite and remotely
* Used Spring JMS template for the asynchronous exchange of critical business data & events among J2EE components and legacy systems.
* Performed unit testing using JUnit.

**Environment:** Java 1.5, WSDL, UDDI, SOAP, HTML, CSS, XML, JavaScript, Angular 2.0, AJAX, jQuery, JSON, UML, SQL, Apache Tomcat, SOA and J2EE.

**Client: - Intcom Systems, Mumbai, India Dec 2012 - Sep 2014**

**Role: Junior JAVA Developer**

**Responsibilities:**

* Involved in discussions with the client to discuss and understand various components of the requirement and to implement the same.
* Worked on Web services using standard Web protocols such as **XML**, **SOAP**, and **HTTP**.
* Used **JDBC** driver to connect to the **Oracle** database for all data transactions
* Developed the application using **Intellij IDE** and used **WebLogic** server to deploy the applications and worked on the JMS queues and configured on WebLogic server.
* Involved in all phases of **Designing and Development** of application.
* Prepared Class diagrams and Sequence diagrams for the Technical Design Documentation.
* Used Rational Rose Software to develop all the **UML** diagrams.
* Worked in **Waterfall** Methodology and involved in the project discussions.
* Develop **GUI** related changes using **JSP**, **HTML** and client validations using **JavaScript**.
* Implemented action classes, form beans and **JSP** pages interaction with these components.
* Designed and developed the application using Struts Model View Controller **(MVC)** design Pattern.
* Used JDBC for Connection Pooling and interaction with the database.
* Implemented SOAP web services.
* Used Log4j for application logging and configured loggers and appenders.
* Created Stored Procedures and PL/SQL where they can be compiled and called later for more efficiency.
* Used JDBC for Connection Pooling and interaction with the database.
* Involved in developing the application, writes use cases and serves as primary contact with QA on testing support.
* Performed unit testing using JUnit.
* Configured the data mapping between **Oracle** and **SQL** Server and tested performance accuracy related queries under **SQL** Server.
* Wrote database queries using SQL and PL/SQL for accessing, manipulating, and updating Oracle database.

**Environment:** Java 1.5, SQLServer, J2EE, JSP, Rational Rose Software, HTML , Oracle, Web Logic, Intellij, JDBC, Apache Tomcat, REST, JSON, SOAP, J2EE, Oracle, and JavaScript

## EDUCATION:

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* **Master’s in Computer Science - Rutgers University**
* **Master’s in Computer Science - Mumbai University**
* **Bachelor’s in Computer Science. - Mumbai University**