

## PRAVEEN

Java Full Stack Developer

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### Professional Summary

Around **5 Years** of experience software development life cycle for both web-based and enterprise applications, including requirement research, design, implementation, and testing, with a focus on Object Oriented, **Java/J2EE**, and Client Server technologies.

- Knowledge with front-end user interface (UI) technologies such as **HTML5, CSS3, JavaScript, jQuery, JSON, AJAX, Node JS, AngularJS, React.js, BackboneJS, Bootstrap, Tag Libraries, and JSTL**.
- used **Java/J2EE** and java-based technologies like **Servlets, JSP, Hibernate, spring, Struts, Web services, and JDBC** in my work.
- Experienced in using **JavaScript, Angular JS, XML, CSS, HTML, Python, Django, C++, and JQuery** to design web-based applications.
- having experience building **Typescript** reusable components and services to use **Angular2** and **Angular7's** component-based architecture to access **REST APIs**.
- Worked on **Core Java, Servlets, JSP, JDBC, JNDI, Hibernate, Spring Framework, Spring MVC, Spring AOP, Spring Batch, Hibernate ORM, Spring Web Flow, JPA, JSF, JMS, EJB, Bootstrap, Java Mail, and JUnit** are just a few of the topics in which you should be very knowledgeable and skilled.
- Experience developing **N-Tier** distributed Enterprise Applications using **Java EE** design patterns including **MVC, Singleton, Factory, DAO, and DTO**.
- Having knowledge of developing with **AngularJS, ExpressJS, NodeJS, and Mongo DB**. **Angular** modules, controllers, directives, and filters practical experience is required to install the entire business logic.
- Understanding of the architecture of **Microservices** applications using **Docker**, Continuous Integration (CI), and Continuous Deployment (CD) using Jenkins and **AWS** Code Pipeline
- Strong working understanding of **SQL, PL/SQL**, Postgres, Stored Procedures, as well as **NoSQL** databases like **MongoDB and Cassandra** programming and database maintenance.
- Having knowledge of **CI/CD** tools like Jenkins, **GIT, Chef, and Ansible playbooks**.
- Using a Microservices architecture to plan and build apps. understanding of **IDE** tools like **Eclipse, Visual Studio, and Net Beans** in practice.
- Working knowledge of performance testing tools like **JMeter** as well as frontend testing frameworks like **Karma, Jasmine, Chai, and Jest**.
- Experience creating test cases and determining the functionality of applications using **Selenium, JUnit, Mockito, and Log4j**.
- Use of **Spring Boot** for **Microservices, Spring DI with Spring MVC**, and Dependency Injection with Spring Core Annotations for **REST API**.
- Working knowledge of creating and deploying **Apache ANT & Maven** scripts for deployment and modifying **WAR & JAR** file management for web applications.
- Working knowledge of **Oracle 11g/12c, My SQL, SQL, and PL/SQL**, as well as back-end procedure creation for database applications.
- Experience **Pivotal Cloud Foundry** was extensively utilized to build, deploy, and upgrade the apps quickly.

- Practical knowledge of management tools like **JIRA** as well as version control technologies like **SVN** and **GIT**.
- Strong command of **UNIX, Linux**, and **Perl** scripting.
- Experienced with many software development methodologies, such as **Scrum** sessions, Test-Driven Development, and **Agile**.

#### Technical Skills

<b>Java APIs</b>	J2EE, EJB, Servlets, JSP, JSTL, JAX-RPC, JDBC, JNDI, JMS, JAXB, JUnit, Mockito, Spring MVC, Hibernate, Spring AOP, Spring DAO, Spring Core, Spring Security, Spring REST, Spring Boot, JPA, Log4j, Apache Kafka.
<b>Web Technologies</b>	HTML/HTML5, XML, CSS/CSS3, Bootstrap, JSP, Ajax, NodeJS, Express, Angular, React.
<b>Databases</b>	Oracle, MySQL, Postgres, Cassandra MongoDB
<b>Version Control</b>	SVN, GitHub
<b>IDE's</b>	Eclipse, NetBeans, IntelliJ, IBM RAD
<b>Programming Languages</b>	Java/J2EE, SQL, PL/SQL
<b>Frameworks</b>	Spring, Spring Boot, Spring MVC, Hibernate, MEAN Stack
<b>Scripting Languages</b>	JavaScript, TypeScript, jQuery, Python. Shell Script
<b>Web/App Servers</b>	Apache Tomcat, WebSphere. Apache Kafka
<b>Build Tools</b>	Maven, Gradle, ANT, Jenkins
<b>Operating Systems</b>	Windows, Unix, Linux (Ubuntu, Red Hat)
<b>Methodologies</b>	Agile, Waterfall

#### Professional Experience

##### JAVA FULL STACK DEVELOPER

**Company: Capgemini**

**Client: Bank of America**

**Duration: SEP 2020 - Till Date**

**Description:** This is the End-to-End development of System including fuel dispenser, payment, management information report and Complete setup of project and delivered fully operating system integrated with Store Point of Sale and integrated various components like Payment system and web-based Enterprise Store system. Designed and developed a Rich interface using Angular and worked on generating Management Information System. The project was set up from scratch and designed and developed the application until production release with fast Agile Scrum Model.

##### Responsibilities:

- Used **Java 8** features including the stream **API** for large-scale data operations on collections using streams and parallel streams, as well as **lambda** expressions for database and business layer communication.
- The user interface was created using **JavaScript, JSP, AJAX, Angular 7, HTML5, CSS**, and **Bootstrap**. Services that send HTTP queries to the backend **REST API** to obtain data were also provided.
- Good understanding of the development of **Mongo DB** and migrations from **SQL** relational databases to No **SQL** databases (reports, schema design, map reduce functions).
- Created **Shell scripting** was used to plan tasks, manage batch tasks and processes, fork and clone tasks, and check the status of the tasks.

- The implementation of developed **AWS** functions allowed for the usage of Amazon API Gateway to run scripts in response to events occurring in **Amazon Dynamo DB tables, S3 buckets, and HTTP requests. Lambda**
- Designing, developing, and deploying **J2EE** applications on **IBM Web Sphere / Web Logic** Application Servers and **Tomcat**, as well as participating in grooming, planning, tasking, sprint reviews, and retrospective meetings with team members.
- Building **MVC** frameworks and learning **SOA** by creating web services with **SOAP** and **WSDL**.
- Utilizing **Jenkins** for **CI/CD, creating** build, deployment, maintenance, and related task scripts using **Ant, Maven, Python, and Bash**, and using **GIT** for version management.
- Worked on a project to get log messages from **Kafka** using **Spark** Streaming.
- Building server-side applications with a heavy focus on **Node.js, Express JS, Mongo DB, and Mongoose.JS**.
- Created sophisticated **SQL** queries to access the **Oracle** database and retrieve data.
- Identity **Micro services** were created, tested, and deployed using a Microservices architecture, Boot-based services that communicated using a combination of **REST** and Apache Kafka message brokers, and AWS.
- Utilized the **JIRA** platform to start, manage, check on, and complete stories while utilizing the **Agile** software development methodology and participating in daily **SCRUM** meetings to monitor team issues and ongoing project progress.
- Design patterns like **Singleton** and **Factory** were used to deploy and maintain Micro services, together with **Apache Mesos** and **Kubernetes**.
- Used **JIRA** as a tool for recording issues and bugs and keeping track of job assignments in the system.
- Built the application using the Maven build lifecycle and deployed it to the **WebSphere** application server.
- Using **Junit**, test cases were created, unit testing was carried out, and **Jasmine** and **Karma** were used to write test cases for the front end.
- Worked on Swagger Configuration that was added to **Spring Boot** to help developers deal with **SOAP, XML**, and **XSLT** efficiently. It also generates swagger **JSON** files for **RESTAPI** calls to web services (WSDL).

**Environment:** Java 1.8/8, HTML5, CSS3, Java Script, Lambda, Oracle Angular 7, NodeJS, AWS, Microservices, Mango DB, Spring, Spring boot, Hibernate, MVC, Web Services, JSON, Rest API, Kubernetes, APIGEE, MAVEN, WebSphere, RAD, JUnit, log4j, Mongo DB, REST, Jenkins, Swagger, Docker, UNIX, JIRA, Git, Jasmine, Karma, Agile.

#### **JAVA DEVELOPER**

**Company: Tech Mahindra**

**Client: Verizon**

**Duration: Jan 2018 - Sep 2020**

**Description:** As a Java Developer, I am responsible for the development of high-performance, customer-specific web-based applications. Our software developers work within a team, collaborating with other developers and analysts to design and develop business applications that support mission critical customer needs.

#### **Responsibilities:**

- Experience in application development led to the use of **Spring** Framework 4.1. Front end development makes use of **JSTL, JSF, Struts**, and **JSP**.
- Developed the source code for the application is managed and controlled using **GIT**.
- Created **Java Messaging Services (JMS)** were employed for the dependable and asynchronous communication of critical information, such as a report on the status of payments.

- Developed the software that was created using **JUnit** classes, tested in several testing environments, and used **Log4J** to record the log that contained runtime exceptions.
- The **JBoss** Application Server was used to deploy and configure the apps, and then **SOAP, WSDL, XML, and JAXB** were used to develop web services.
- Experience **Spring Boot**, which is significantly faster at launching cloud Microservices, was used to develop spring-based apps with little configuration.
- The presentation layer was created using **JSP, HTML, and CSS**, and it made good use of **JavaScript, J Query, and JSON**.
- Established functional requirements Create the document in accordance with user criteria identified during **JAD** sessions.
- Gained expertise utilizing the **Angular JS** programming framework to create reusable Angular JS applications and a single-page application.
- Created a Jenkins pipeline to deploy all micro-service builds to **Docker** Hub, followed by a Kubernetes deployment, pod creation, and **Kubernetes** Replication controller configuration.
- Used a **Microservices** architecture, with Spring Boot-based services communicating using a mix of **REST** and message brokers like **Rabbit MQ or Apache Kafka**.
- Used **Log4j** for error tracking, code debugging, problem resolution, and change requests for already existing code.
- Developed **SQL** queries, Joins, and **PL/SQL** subprograms such stored procedures, triggers, and functions to access **DB2**. Designed and constructed the database tables.
- Strong understanding of providing XML and JSON based REST web-services, integrating with the front-end, and implementation of **Angular6** services to connect the web application to back-end APIs.
- As a Single Page Application, views were created using **React Js** to connect models to the DOM and synchronize data with the server (SPA).
- Creating **Java Web Services** for various stages. Using SOAP web services, the **Struts 2** framework will manage application requests. used Hibernate to implement the data persistence.
- Analysis and recording of requirements in accordance with SDLC methodologies while utilizing the **Agile** methodology (**SCRUM**) for requirement collecting, design, analysis, development, data validation, and system testing.

**Environment:** Java, Spring 4.1, Spring Boot, Spring MVC, Gitlab 7.0, Microservices, AWS, Apache Tomcat Oracle, JMS, Servlets, JSP, JavaScript, Angular 4, Bootstrap, Reactjs, Restful, jQuery, MVC, XSLT, HTML, XML, JUnit, React JS, Hibernate 3.6, Log4j, PL/SQL, Rabbit, Kafka, Angular 6, Agile, Struts.