**Parth Sharma**

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**SUMMARY:**

* 9+ years of technical experience in implementation, customization, integration and support of business application Systems.
* Demonstrated ability for problem solving and collaborating in cross-functional teams, delivering projects on time and within budget.
* Hands-on experience with software development approaches Agile (Scrum, Kanban)and Waterfallmethodologies.
* Expertise in the development and deployment of multi-tiered web-based enterprise applications using Java/J2EEtechnologies like Servlets, JSP, Hibernate, Spring, JDBC, JSP, Java Beans, and web services (SOAP and REST).
* Experienced in testing distributed systems and message brokers like Kafka and RabbitMQ.
* Strong experience in the design/development of web applications using Java, JSP, JSTL, J2EE, Servlets, JMS, MVC Framework, Web Services, XML, XSD, JSON and JAXB.
* Strong experience with cloud platforms, particularly AWS (EC2, S3, Lambda).
* Proficient in Spring Architecture and Spring Related Technologies: Spring DI/ MVC/ Spring JDBC/ AOP/ Batch/ Spring Templates (Spring JDBC, Spring Hibernate, Spring Rest Templates).
* Understanding of authentication mechanisms, including OAuth2, JWT and HMAC, for secure RESTful API development.
* Proven ability to design and implement RESTful services with a focus on performance and scalability.
* Skilled in MySQL and NoSQL databases, including MongoDB and Azure Cosmos DB, as well as relational databases like Azure SQL Server.
* Adept at integrating and managing data across multiple cloud environments, ensuring optimal performance and security.
* Experienced with frontend technologies such as HTML, CSS, JavaScript, jQuery, and AJAX.
* Strong programming skills and development experience with Java, Spring framework, Hibernate, JSP, Servlets, Java Beans, JSP Custom Tags, JDBC, and Jersey.
* Skilled in unit testing using JUnit and Mockito frameworks.
* Expertise in developing microservices based on REST API and SOA (Service Oriented Architecture) with web services based on REST API, JAX-RS, SOAP, WSDL, and UDDI.
* Proficient in building REST-API (JAX-RS) based web services with JERSEY and Spring Boot.
* Expertise in the design and development of enterprise-level spring-based web applications using Spring REST, Hibernate, EJB, Servlets, and JSP for User Interface Applications.
* Experience in J2EE design patterns like MVC, Front controller, Factory, Abstract Factory, Singleton, Transfer Object and Data Access Object.
* Utilized Java 8 features like Lambda expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Used JAVA8 method reference feature to point to methods using their names and used functional interface.
* Proficient in deploying applications using the Maven buildtool, and Jenkins Continuous integrationtool using groovy script.
* Proficient in designing Use cases and Interaction diagramsinUMLusingRational Rose.
* Proficient in working with Swagger UI as an API hosting/documentation platform for developers and clients.
* Knowledgeable in DevSecOps practices and implementing security measures in software development.
* Experience in using bug/issue tracking, project Tracking and Management tools.
* Good understanding of DevOps and Continuous Integration(CI) using Git, Bitbucket, Jenkins, Pipeline, OpenShift, JIRA and Version One.
* Experience in working with configurations such as XML, YAML, JSON, Java-based configurations, Annotation-based configuration and Application Context.
* Experience in application testing and component mocking using JUnit, Jasmine, and Karma Runner.

**TECHNICAL SKILLS:**

* **Programming Languages:** Java, Python, JavaScript, .NET
* **J2EE Technologies**: JDBC API, JPA, EJB, Servlets, JAX-RS, JMS
* **Web Services:** RESTful API, SOAP, JAX-RS, JAX-WS, JAXB
* **Web Technologies:** HTML, CSS, JavaScript, AJAX, XML, XSD, JQuery, JSON
* **Test Frameworks**: Junit, Mockito, Power Mock, Jasmine, Karma, Cucumber, Selenium, Jest, Mocha puppeteer
* **Databases:** MySQL, NoSQL, MS SQL, Oracle DB, PostgreSQL
* **Logging & Monitoring**: Log4J, SLF4J, Splunk, Zipkins, Grahana, Dynatrace
* **Cloud Technologies**: Amazon Web Services (EC2, SQS, S3, ECS, EBS, EFS, SNS, DynamoDB, CloudWatch, CloudFront, API Gateway, Load Balancer), Spring Cloud, Docker, Kubernetes, Redis, Azure DevOps
* **Web Servers:** Apache Tomcat, Web Logic, Web Sphere, JBoss.
* **Methodologies:** Agile Methodology, Waterfall model, Test Driven Development (TDD)
* **OS & Environment:** Windows, UNIX, LINUX

**EDUCATION:**

* **Bachelor of Engineering in Computer Engineering,** Gujarat Technological University, 2010 – 2014



**WORK EXPERIENCE:**

**Client: Sephora, Remote, USA April 2023 – Till Date**

**Sr. Java Developer**

* Involved in SDLC requirement gathering, Analysis, Design, Development, documentation, UAT and Production phases of the application.
* Collaborated with cross-functional teams to design and implement secure and compliant software solutions for the E Commerce industry.
* Designed and implemented microservices architecture with Spring Boot, enhancing application modularity and scalability.
* Designed and developed RESTful APIs, Created RESTful web services using Spring Boot, enabling efficient data exchange and interaction between various system components.
* Proficient in Java 8 features and Collections, with extensive hands-on experience using Functional Interfaces, Optionals, Method References, Stream API, and Lambda Functions.
* Utilized Kafka for message brokering to ensure reliable communication between distributed services.
* Used Spring Framework for developing and implementing the web-based application following the MVC**.**
* Used Spring Framework in the application based onthe MVC design pattern. Developed Action classes and Form beans and configured spring-config.xml.
* Designed and developed Hibernate configuration for making database connectivity and accessing the session for database transactions respectively.
* Designed and developed front-view components using ReactJS, Redux, React Router, HTML and CSS**.** Developed Interactive web pages using AJAX and JavaScript.
* Skilled in containerizing applications using Docker and deploying Docker images on AWS ECR.
* Skilled in leveraging design patterns to address common software development challenges, ensuring robust and flexible solutions in Java development projects.
* Deployed and managed applications on AWS using Elastic Kubernetes Service (EKS), ensuring high availability and scalability.
* Developed CI/CD pipelines to automate testing and deployment processes, significantly reducing release times.
* Involved in client-side validations, slide shows, hide and show controls, dropdown menus and tab navigation using React.js.
* Collaborated closely with development teams to identify and resolve software defects early in the development lifecycle.
* Utilized GitHub for version control, code reviews, and collaborative development, ensuring robust CI/CD practices.
* Developed REST web servicesusingJersey, REST API and REST Template for the REST clients.

**Environment**: Java 8, J2EE, Spring, Hibernate, Spring batch, Spring Security, Spring MVC, Spring Boot, JPA, JMS, ReactJS, HTML, CSS, Eclipse, Oracle, Apache Tomcat, Swagger UI, Log4j, JIRA, XML, Web Services, Kafka, Microservices, REST, AWS, Junit, Maven, Jenkins, GitHub.

**Client: Kaiser Permanente, Remote, USA Aug 2022 - Feb 2023**

**Java Developer**

* Utilizing Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections would increase the performance of the Application.
* Developed backend APIs utilizing Java 1.7/1.8, Spring Boot, Spring Cloud, Spring Batch, Spring AOP, and implemented Spring design patterns such as Facade, Singleton, and Builder.
* Specialized in creating microservices with Spring Boot and Spring Cloud, leveraging Feign Client, Hystrix, and Circuit Breaker.
* Developed application using **s**pring MVC, Spring Batch, JSP, JSTL and AJAX on the presentation layer, the business layer is built using spring.
* Developed RESTful APIs for seamless integration with front-end applications and third-party services.
* DevelopedUI navigation using Spring MVC architecture. CreatedJSP components for the presentation layer.
* Implemented Micro-services using the Pivotal Cloud Foundry platform built upon Spring Boot Services.
* UsedSpring Boot to create stand-alone spring applications.
* Developed DAOobjects and implemented data access layer using JPA, hibernate to performCRUD operations
* Created and maintained mapping files, persisting classes and transaction control in Hibernate to access the database.
* Used AngularJS as a framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data.
* Involved in writing application-level code to interact with APIs, and Web Services using AJAX, JSON, XML, and Angular.
* Applied object-oriented programming principles and Java to develop business logic.
* Developed a middle-tier application with J2EE using Servlets, EJB, Java Beans and Web Services Standards (SOAP, WSDL, UDDI).
* Used MongoDBas data storage and utilized aspects likereplica sets, shardingandclever document design to make the service extensible scale and feature-wise**.**
* Compiled and built the application using Maven scripts and deployed the application.
* Involved in coding, maintaining and administering EJBs, Servlets, and JSP components to be deployed on a WebLogic application server.
* Used log4jto log all error messages of the application along with debugging purposes.
* Involved in Unit testing of the application using JUnit built the package using Maven and deployed the application onto to WebLogic App Server.
* Involved in creating, and modifying SQL queries, prepared statements and stored procedures used by the application.
* Followed AGILE(SCRUM) methodologies, had sprint planning every two weeks and set up daily meetings to monitor the status.
* Participated in the status meetings and status updates to the management team.

Environment: Java 8, Spring, Spring Boot, Hibernate, HTML5, CSS3, JavaScript, Azure, Microservices, Kubernetes, Terraform, JSP, JSF, AngularJS, Apache Tomcat, AJAX, JSON, XML, SOAP, Git, Maven, EJB, Log4j, JUnit, MongoDB, SQL, Agile, SonarQube, Eclipse, IntelliJ, Swagger UI.

**Client: EME TECHNOLOGIES, India Jan 2018 - June 2021**

**Software Engineer**

**Responsibilities:**

* Design, develop and modify software systems, using mathematical models and scientific analysis to predict and measure possible outcomes.
* Perform upgrades and maintenance while modifying existing software to improve performance, correct errors and allow adaptation to new hardware.
* Analyze software requirements and user needs to determine whether the system design is feasible and can be completed within time and budget constraints.
* Designed and implemented database schemas, ensuring optimal performance and scalability.
* Implemented CRUD (Create, Read, Update, Delete) operations for seamless user interactions with the database.
* Collaborated with backend developers to define APIs and ensure smooth communication between the app and server/database.
* Direct software system testing, validation procedures, application and system documentation and programming to ensure normal program functioning.
* Manage the work of technologists, programmers, technicians, and other related team members, and provide instruction on writing software code as needed.

Environment: J2EE, Spring, Hibernate, DOM, Web Services, SOAP, Apache Tomcat, WSDL, JAX-B, XML, IBM WebSphere, Log4j, JUnit, SQL, Agile and Windows.

**Client: L&T MHPS Turbine & Generators PVT LTD, India Nov 2013 - Dec 2017**

**Software Engineer**

**Responsibilities:**

* Adapt agilemethodology and actively engaged in all phases of the software development cycle
* Interacted with the business analysts to gather the requirements and understand the functional design specifications for the requirements.
* Used Spring Framework for Dependency Injection and integrated it with Hibernate**.**
* Used Hibernate framework for back-end development and springdependency injection for middle-layer development.
* Developed the Web Interface using Spring, HTML, CSS and JavaScript.
* Used Hibernatefor persistence logic which consisted of creating XML mapping files and HQL queries
* Ensures clear separation of layers and rapid application development using MVC architecture
* Worked with Angular.JS routers, forms, modules, DOM, expressions, controllers, filters andHTTP requests.
* Implemented and tested the enterprise application with JQuery, Angular.js and Spring MVC.
* Used Java Mailing or Messaging Service (JMS) APIs for mailing detailed notifications depending upon the success and failure once the backend process is complete and for mailing administrator of any system-related problems.
* Used the J2EE design patterns like Value Object Pattern, Business Delegate, Service Locator and Session Façade, Singleton, Factory and DAO.
* Used jQuery, HTML5 and Bootstrap to create an interactive interface for the content management system.
* Developed web services SOAP, WSDL and web services clients using JAXB and XML implemented SOA architecture.
* Created Data Source and deployed web application in the IBM WebSphere application Server.
* Developed EJB MDBs and message queues using JMS technology.
* Used Log4jfor External Configuration Files and debugging.
* Wrote test cases inJUnit for unit testing of classes.
* Involved in RDBMS database design using SQL, to write Stored Procedures, Functions, Triggers, and prepared Statements.
* Actively participated in daily SCRUM meetings to produce quality deliverables within time.
* Effective communication with clients for gathering requirements of the content management system.
* Documented ER Diagrams, Database design and UML diagrams for the project to demonstrate the functionality usage of the user.
* Monitored team members to follow standards, and guidelines and use new tools.

Environment: J2EE, Spring, Hibernate, JPA, JavaScript, Angular.JS, JMS, DOM, Web Services, SOAP, XML, IBM WebSphere, Log4j, JUnit, SQL, Agile and Windows, CSS3, Eclipse, Oracle, log4j, Junit, TestNG, Microservices, Selenium, Junit, RabbitMQ, XML, Web Services, SoapUI, Postman.