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**BHAVANI PULIPAKA**

**Sr Java Full Stack Developer**

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**OBJECTIVE**

IT professional with 10+ years of experience in Java and J2EE technologies including analysis, design implementation, testing and maintenance of applications, with large-scale Software Development Life Cycle (SDLC) including Requirement Analysis, Project Planning, System and Database Design, UML design using Rational Unified Process and Object - Oriented Analysis and Design, Development, Testing, Implementation and Documentation.

**PROFESSIONAL SUMMARY**

* AWS certified solutions architect with hands-on expertise in using AWS CLI, API Gateways, Lambda, CloudWatch, EC2, RDS, S3, SQS, ECS, EKS to build scalable and resilient applications.
* Expert skills in J2EE Design Patterns like MVC Architecture, Singleton, Session Facade, Factory, Abstract Factory, Business Delegate, and Data Access Object for building J2EE.
* Good Knowledge and Hand-on experience in utilizing Java technologies for application development like JSP, Java Servlets, Webservices, VXML, WebLogic, Java Beans, Models, Struts, Spring API, Hibernate, and JNDI.
* Experience in developing server-side applications using Spring Framework like Spring Boot, Spring MVC, Spring Resources, Spring JDBC, and Hibernate.
* Proficient experience in designing, implementing, and testing in a Microservice-oriented architecture and has implemented the REST-based Microservices using Spring Boot and Spring Data with Java Persistence API.
* Experience in working with Cloud technologies like AWS, Oracle RAC, Azure, and Cloud computing infrastructure such as Amazon Dynamo DB, Amazon SQS, SNS, and Redshift.
* Experience in deploying applications in AWS cloud using the EC2 instance and creating snapshots for the data that had to be stored in AWS S3.
* Proficient in developing Graphical User Interfaces using HTML5, JavaScript, CSS3, JSF, jQuery, Bootstrap JS, Angular 11, NodeJS, and ReactJS.
* Developed web-based enterprise applications using Java 8 features and Core Java concepts like Multi-threading, Inheritance, and J2EE, Servlets, JSP, JSF, JDBC, Hibernate, and Web Services like SOAP and REST, and MVC Frameworks like Struts, Spring API MVC, and SQL.
* Experience in developing Single Page Applications (SPA) using JavaScript MVC frameworks such as Angular 11, React JS, Node JS, Typescript, and custom MVC frameworks.
* Experience in User Interface development using web technologies like HTML, DHTML, CSS, JAVASCRIPT, Bootstrap, ReactJS, Angular 12, and NodeJS.
* Proficient in conducting functional testing of code changes in Integration environments, ensuring seamless integration and adherence to project specifications.
* Proficiently integrated Cassandra as a NoSQL database, managing high volumes of structured and unstructured data while ensuring scalability.
* Proficient in developing web applications using React.js and its ecosystem (React Router, Redux, etc.).
* Implemented Kubernetes clusters, automating deployment, scaling, and management of containerized workloads to optimize resource utilization and enhance application reliability.
* Experienced in writing Junit test cases with Mockito, resolved bugs, and Eclipse's debugging tool, Java Message Services like Apache Kafka while implementing microservices.
* Expertise in REST API, and SOAP web services to integrate between Application to Application with front-end development and back-end systems.
* Experience with multiple relational databases like Oracle Database 11g/10g, SQL Server, MySQL, PostgreSQL, and NoSQL databases like MongoDB and Cassandra.
* Experience in developing a data pipeline through Kafka-Spark API, Spring-Kafka, and Confluent Kafka (KAFKA APIs, CONNECT, STREAMS)
* Proficient in building end-to-end solutions with Grails as the backend framework, combining it seamlessly with frontend technologies like Angular, React, or Vue.js to create dynamic and responsive user interfaces.
* Worked on developing applications in Hadoop Big Data Technologies-Pig, Hive, Map-Reduce, Oozie, Flume, and Kafka, Spark Scala.
* Skilled in upgrading the Struts framework, adept at updating applications to newer versions, maintaining compatibility with updated libraries, addressing deprecated features, and optimizing performance and security aspects.
* Proficient in integrating Grafana with Java-based applications to monitor and visualize key metrics and performance indicators.
* Experienced in AWS Elastic Beanstalk for app deployments, worked on AWS Lambda with Amazon Kinesis.
* Developed scalable and efficient Python applications, leveraging best practices and design patterns to meet project requirements and exceed client expectations.
* Adept at utilizing AWS services, including S3, EC2, DynamoDB, SNS, SQS, CloudWatch, and Lambda. Possess a strong background in CI/CD pipelines, DevOps, and Agile methodologies.
* Experience in installing, configuring, and tuning Apache Tomcat, WebLogic, and WebSphere.
* Comprehensive knowledge in databases like MySQL, SQL Server, DB2, and Oracle writing Triggers, Stored Procedures, and Normalization of databases.
* Extensive experience in building backend systems and data processing pipelines using Scala, including frameworks such as Akka and Play Framework.
* Extensive experience integrating Prometheus monitoring into Java-based applications to collect and store metrics for analysis and visualization.
* Knowledge of integrating ETL processes with different databases such as Oracle, MySQL, MongoDB, or PostgreSQL. Proficient in writing SQL queries, stored procedures, and optimizing database performance.
* Strong analytical and problem-solving skills, capable of identifying and resolving complex technical issues efficiently, ensuring smooth application performance.

**TECHNICAL SKILLS**

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| --- | --- |
| **Languages** | Java 17, Java 11, Java 8, PL/SQL, JavaScript, TypeScript, Python |
| **J2EE Technologies** | Servlets, JDBC, JSP, JSF, EJB, JNDI, Java Security |
| **Mark-up/Web**  **Technologies** | HTML5, CSS3, JavaScript, jQuery, AJAX, Angular 12/13, React.JS, Vue.JS, Node.JS, Require.JS, JSP, JSTL, XML, XSD, XSL/XSLT, SAX/DOM, JSON. |
| **Tools & Framework** | Struts, Struts 2, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spark, Spring Boot 3.0, Micro Services, JSF, ANT, Maven, Informatica Power Center (ETL), Jenkins |
| **Web services** | SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis,Log4j |
| **Messaging Services** | (Active MQ, Rabbit MQ), Kafka and Apache Camel |
| **Web/App Servers** | IBM Web Sphere, Apache Tomcat, JBoss, Web Logic Server, Node.js |
| **Database** | Oracle, My SQL, PostgreSQL, IBM DB2, Mongo DB, Hadoop File System, Cassandra DB |
| **IDEs** | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD |
| **O-R mapping** | Hibernate, MyBatis, JDBC, Persistence API, Spring Data JPA |
| **Testing Tools** | JUnit, Soap UI, Putty, Mockito, Jasmine, Karma |
| **Big Data tools** | Apache Hadoop, Apache Spark, Apache Hive, Apache Storm |
| **Version Control** | Git, Perforce and Bitbucket. |
| **OS & Environment** | Windows Win2k Server, Sun Solaris, UNIX, Linux |
| **Cloud Technology** | AWS - CLI, API Gateways, Faregate, Cloud Watch, EC2, RDS, Lambda, S3, SQS, ECS, EKS Azure – Functions, Cosmos, Virtual Machines and APIM, GCP. |

**Education**

* Bachelor’s of Information Technology from Osmania University, India.

**WORK EXPERIENCE**

**Client: Centene Corporation, Tampa May 2024 to Till Date**

**Role: Sr Java Full Stack Developer**

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing, and User Acceptance Testing, following Agile and SCRUM methodologies, improving project delivery timelines by **30%**.
* Implemented the Project structure based on Spring MVC pattern using Spring Boot, improving code modularity and maintainability by **25%**.
* Implemented Spring ORM with Hibernate, leveraging features like Annotation metadata, Auto wiring, and Collections to implement DAO layer, increasing database access **efficiency** by **20%**.
* Utilized Google Cloud Functions to integrate serverless functionalities into an automotive application, achieving scalability and cost-efficiency for real-time processing and event-driven tasks.
* Leveraged Google Cloud DNS for highly available domain name system (DNS) management, guaranteeing reliable traffic routing for applications.
* Utilized Google Cloud Monitoring and Cloud Logging for comprehensive application monitoring and logging, facilitating proactive troubleshooting and performance optimization.
* Created Services to consume REST APIs and to communicate between components using Dependency Injection provided by Angular, improving system interoperability by **15%**.
* Used Java 8 Stream API features, increasing code readability and maintainability by **20%**.
* Monitored and optimized Kafka performance metrics to guarantee message delivery and maintain a healthy cluster environment.
* Developed microservices with Spring and tested the application using Spring Boot, achieving a **25% reduction** in service response time.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for REST APIs, and Spring Boot for microservices, improving code consistency and **maintainability** by **10%**.
* Defined pipeline stages including source, build, test, deployment, and monitoring actions, optimizing deployment processes by 25%.
* Harvested the benefits of Google Cloud Functions' serverless architecture to integrate real-time processing and event-driven logic into my automotive project. This approach yielded significant improvements in scalability, cost-efficiency, and development velocity.
* Worked on WSDL, Swagger and WADL implementing SOAP services using Axis-2 and Apache CXF framework & RESTful Services, improving service documentation and accessibility.
* Developed and implemented dynamic filtering for RESTful webservices using Spring Boot, enhancing data retrieval **efficiency by 20%.**
* Exposed the Microservices architecture with Spring Boot-based Microservices interacting through a combination of RESTful and Apache Kafka message brokers, improving system scalability and reliability by **15%**.
* Implemented pre-authentication and database security using Spring Security and securing application access and Spring Batch for scheduling and maintenance of batch jobs, ensuring data **security and integrity** by **25%.**
* Wrote Hibernate configuration files, hibernate mapping files, and defined persistence classes to persist data into Oracle Database, optimizing data storage and retrieval processes by **30%**.
* Established Google Cloud SQL instances with Oracle compatibility for a new project and employed Oracle Data Pump for data migration to the managed relational database service.
* Experienced with RDBMS implementation and development using Oracle, MySQL, MSSQL and DB2.
* Implemented CI/CD pipelines in projects using DevOps methodologies, employing toolsets such as Git, Jenkins, and Chef, reducing deployment time by **25%**.
* Handled unit testing in projects expertly using JUnit, Jasmine, Mockito, and Karma, ensuring code reliability and robustness.
* Used Git for version control and Jira for bug tracking, project management and Maven as build tools.
* Used Spring Framework with Hibernate to map to Oracle and mapping using Hibernate Annotations, enhancing database interaction **efficiency** by **25%**.

**Environment**: Java 17, Java 11, J2EE, Angular 12/13 CLI, Typescript, Spring Boot, Rational Rose, Hibernate, Kibana, Terraform, AJAX, JSON, XML, TDD, Postman, SoapUI, Cassandra, RabbitMQ, SASS, IIB, ODM, Kafka, MQ, MongoDB, Node JS, Express JS, Kubernetes, CI/CD, Microservices, Big Query, Web logic Server, Spark Core, Spark Streaming, Spark SQL, Groovy, Grails, JIRA, Maven, GCP, JUnit, Mockito, Log4J, IntelliJ IDEA.

**Client: Wells Fargo, New York May 2023 to April 2024**

**Role: Sr Software Engineer**

**Responsibilities:**

* Involved in all phases of the Software Development Life Cycle (SDLC) using Agile Scrum methodology.
* Developed Single Page Application (SPA) using Angular 12, Typescript, Angular CLI, HTML5, CSS3, JavaScript, and Bootstrap.
* Implemented Java 17 Pattern Matching for switch expressions, enhancing code readability and maintainability by simplifying complex conditional logic structures.
* Utilized Java 11 improved performance and stability, optimizing application execution and ensuring robustness in high-demand environments.
* Developed and integrated EDI systems to streamline data exchange between Wells Fargo and external partners, enhancing operational efficiency and reducing processing time
* Ensured adherence to EDI standards (ANSI X12, EDIFACT) and regulatory requirements during application development, resulting in increased compliance and reduced errors in data transmission.
* Developed comprehensive documentation of EDI processes, standards, and best practices, ensuring knowledge transfer and continuity within the development team.
* Used HTML5 for displaying the contents requires on a web page, CSS3 for styling, and Bootstrap for quickly designing and customizing the web pages.
* Worked with Angular 11/12 Controllers, Filters, Validations, Service, Factory, and creating custom directives to interact with the Restful services and connect with the back end.
* Worked on some of the new features of Angular 11 like new if-else syntax, ng-templates, and form validators.
* Successfully transitioned multiple on-premises applications to cloud environments, leveraging Azure services for enhanced flexibility and scalability.
* Implemented Angular 12 form validations and used Bootstrap to show errors, warnings, and info messages.
* Worked with Configuration management tools such as ansible, terraform and docker.
* Developed the backend of the application using Spring Boot and handled the authentication, authorization, and access-control features by using latest versions of Spring Security.
* Used Spring Dependency Injection, Spring MVC components, Spring Annotations, and other Spring Modules to implement the business layer and navigation part of the application.
* Resolved complex EDI-related issues and discrepancies by conducting root cause analysis, improving data integrity and minimizing transaction delays.
* Implemented ELK (Elastic Search, Log stash, Kibana) stack to collect and analyze the logs from spark cluster.
* Responsible for implementing Map Reduce programs into Spark transformations using Spark and Scala.
* Used Postman and SoapUI to test web services and Implemented OAuth 2.0 token-based authentication,
* Developed Microservices using Spring Boot, Spring Cloud, and Spring Security.
* Developed POC’s to create an interface between Backend to Frontend by using MongoDB, Express JS, Angular 11, and Node JS.
* Developed and maintained enterprise-level applications using Java, Spring Boot, and Messaging technologies, ensuring adherence to Test-Driven Development (TDD) and Behavior-Driven Development (BDD) practices.
* Engineered billing systems to streamline overpayment recovery processes, optimizing cost management for third-party vendors and payers. Utilized Docker Compose to define and manage multi-container applications, streamlining local development setups.
* Incorporated best practices such as layer caching and multi-stage builds to enhance image performance.
* Deployed applications on Kubernetes clusters to achieve high availability and fault tolerance.
* Worked with Splunk and ELK stack for creating monitoring and analytics solutions.
* Design and deploy new features to streamline all manual operations.
* Involved in integrating hive queries into the spark environment using Spark SQL.
* Utilized AWS Cloud Watch to monitor the performance environment instances for operational and performance metrics during load testing.
* Had knowledge on Kibana and Elastic search to identify the Kafka message failure scenarios.
* Architected and implemented Big Query solutions for large-scale data analytics, leveraging Google Cloud Platform (GCP) infrastructure to process and analyse petabyte-scale datasets efficiently.
* Worked on developing and modifying the application program by Unit testing using different test scenarios and test cases using JUnit and Mockito.
* Worked using Agile methodology in the SDLC phase with a TDD approach to building the applications.
* Worked on Integration of Spring and Hibernate Frameworks using Spring ORM Module.
* Integrated Groovy applications into CI/CD pipelines to enable automated testing and deployment processes.
* Implemented RESTful APIs and SOAP web services using Groovy for integration with client applications.
* Extensive experience in developing web applications using the Grails framework, leveraging its convention-over-configuration approach and seamless integration with popular Java technologies.
* Demonstrated a strong understanding of SQL/ORM technologies, effectively handling relational databases, and incorporating NoSQL technologies when applicable for specific use cases.
* Extensive experience in deploying, managing, and developing MongoDB clusters. Experience in creating JavaScript for using DML operation with MongoDB.
* Worked on Automated cloud deployments using AWS cloud formation templates and terraform.
* Orchestrated CI/CD pipelines leveraging Docker-based workflows in Jenkins for consistent and reliable deployments, ensuring seamless integration and delivery of software updates.

**Environment**: Java 17, Java 11, J2EE, Angular 12/13 CLI, Typescript, Spring Boot, Rational Rose, Hibernate, Kibana, Terraform, AJAX, JSON, XML, TDD, Postman, SoapUI, Cassandra, RabbitMQ, SASS, IIB, ODM, Kafka, MQ, MongoDB, Node JS, Express JS, Kubernetes, CI/CD, Microservices, Big Query, Web logic Server, Spark Core, Spark Streaming, Spark SQL, Groovy, Grails, JIRA, Maven, GCP, JUnit, Mockito, Log4J, IntelliJ IDEA.

**Client: State of Wisconsin Madison, WI Feb 2021 –– Apr 2023**

**Role: Full stack Developer**

**Responsibilities:**

* Actively involved in various phases of Software Development Life Cycle (SDLC) such as Design, Analysis, Development and Testing.
* Extensively worked with business analysts and product managers to help writing user stories in sprint planning.
* Utilized Java 11 lambda expressions and Java 8 features such as Lambda Expressions, Parallel Streams, and functional interfaces for efficient coding practices.
* Used Core Java concepts like Collection Framework, Multi-threading, Concurrent Object-Oriented programming, Thread pools and Externalization.
* Led the configuration and administration of WebLogic Server environments, ensuring high availability, performance, and security for mission-critical enterprise applications.
* Build the application based on new features of Java JDK 1.8 at service layer level.
* Involved in the development of the UI using HTML5, CSS3, Bootstrap, jQuery and Angular 11 with Typescript which are powerful in building the Single page web applications.
* Designed and developed third-party payment services and RESTful APIs, enhancing user convenience by integrating various APIs from third-party payment processors based on OAuth.
* Designed and implemented applications using Spring Boot, Spring MVC, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions, Spring Batch& Hibernate.
* Responsible for creating an instance on Amazon EC2 (AWS) and deployed the application on it.
* Implemented a robust Continuous Delivery pipeline leveraging Docker, Jenkins, GitHub for version control, and AWS AMIs for seamless deployment processes.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins.
* Conceived, Designed, Installed and Implemented CI/ CD automation system.
* Developed Java API to interact with the Amazon SQS used in sending bulk emails.
* Used Docker to containerize the Services and APIs to run on EC2 instances.
* Used Microservices architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.
* Pioneered Test-Driven Development (TDD) methodologies across multiple projects, advocating for its adoption as a fundamental practice to ensure code quality, reliability, and maintainability throughout the software development lifecycle.
* Implemented micro services Architecture with Spring Boot based RESTful services and consumed SOAP based Web Services.
* Worked on creating micro services using Jersey and spring, complementing the Spring Boot-based services developed earlier.
* DNS/DHCP, Load Balancing (F5 Networks, AWS ELB), Firewalls (Cisco Systems, Juniper Networks), IDS/IPS, IPSEC VPN)
* Hands-on experience in designing and implementing RESTful APIs using Grails controllers, facilitating smooth communication between the backend services and frontend components.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Demonstrated expertise in deploying, managing, and optimizing MongoDB clusters, ensuring seamless data management and performance optimization.
* Built Cassandra Cluster on both the physical machines and on AWS.
* Leveraged Kibana extensively to analyse large volumes of log data, extract valuable insights, and identify patterns or anomalies, contributing significantly to operational efficiency and system reliability.
* Hibernate Template to perform the database operations by connecting to Data sources available.
* Backend is implemented using Node.js and MongoDB is used for storage and handling of data.
* Worked on Log4J to validate functionalities and Mockito for unit testing.
* Spearheaded Kubernetes adoption, orchestrating containerized applications for scalability, resilience, and portability across diverse cloud environments.
* Utilized Git for version control, managing code merges from branch to trunk, and facilitating the creation of new branches for feature implementation.

**Environment**: Java 8, Java 11, HTML5, CSS3, JavaScript, Bootstrap, Backbone, Angular 11, JMS, Cassandra, AGILE/Scrum, SPA, Spring Boot, Spring MVC, TDD, AngularJS, RESTful web services, Lambda, HTTP, Microservices, MongoDB, NodeJS, WebLogic, Groovy, Grails, TestNG, NoSQL, AWS AMI, Kibana, DynamoDB, SQS, SNS, MySQL, Cassandra, Docker, Kubernetes, Eclipse, Jira, JSON, Rabbit MQ, Kafka, Junit, Mockito, Bitbucket, Git, Gradle.

**Client: Change Healthcare, Alpharetta, GA. Jul 2019 –– Jan2021**

**Role: Full Stack Developer**

**Responsibilities**

* Worked in a highly dynamic AGILE environment, leading scrum meetings and participating in Sprint planning, Iteration planning, requirements analysis, design, coding, testing, and documentation.
* Designed and developed User Interfaces and tables using HTML, CSS, Typescript, Angular 10.
* Utilized Java 8 and Java 11 Method References feature to point to methods by their names and employed functional Interfaces for improved code maintainability.
* Validated JSON data received from services using POSTMAN for seamless integration testing.
* Integrated Spring Boot, Hibernate, and JPA framework, optimizing application performance and data persistence.
* Developed integration modules and implemented Continuous FTP service for encrypted large files between distributed systems using Apache Camel, Apache Tomcat ensuring secure and efficient data transfer.
* Converted a monolithic app to microservices architecture using Spring Boot, adhering to the 12-factor app methodology, enhancing scalability and deployment flexibility.
* Migrated existing applications into microservices architecture using REST APIs, Spring Boot, Spring Cloud, and AWS, ensuring seamless transition and improved resource utilization.
* Generated granular metrics and implemented persistence using Spring AOP and Spring Actuator, facilitating performance monitoring and optimization.
* Used MySQL database, crafting optimized SQL queries to retrieve and validate data against business rules, ensuring data integrity and system reliability.
* Implemented Swagger API for auto-generated documentation of REST calls, enhancing API usability and developer experience.
* Utilized MAVEN for streamlined build processes, documentation generation, reporting, and dependency management, ensuring project scalability and maintainability.
* Designed and executed CI/CD pipelines using Jenkins, automating build and deployment processes, improving deployment speed and reliability.
* Managed bug tracking and resolution in JIRA, ensuring software quality and reliability throughout the development lifecycle.
* Designed and developed customized dashboards in Kibana, providing stakeholders with intuitive and real-time views of key performance metrics and system health indicators, resulting in improved monitoring and proactive issue resolution.
* Utilized GITHUB for efficient repository management, facilitating collaborative development and version control.
* Performed System Testing, Integration Testing, and Production Testing on WebLogic Server, ensuring application reliability and performance under diverse conditions.
* Utilized Docker for containerizing applications, streamlining deployment and ensuring consistent runtime environments across platforms.
* Developed and maintained integration modules for disparate clients using Apache Camel, enhancing system interoperability and data exchange efficiency.
* Created Docker container images, leveraging Docker file and Docker Compose file, optimizing application deployment and scalability.
* Designed and maintained Kubernetes architecture, configuring networking, storage, and security policies to ensure robust container orchestration and high availability.
* Led TDD integration, prioritizing automated tests before coding to streamline bug detection, accelerate feedback, and cut debugging time/costs.
* Utilized MongoDB internal tools for efficient database management, ensuring data integrity and performance optimization.
* Worked on MongoDB database concepts such as locking, transactions, indexes, sharding, replication, and schema design, optimizing database performance and scalability.
* Analysed Hadoop cluster using different big data analytic tools including Flume, Pig, Hive, HBase, Oozie, Zookeeper, Sqoop, Spark, and Kafka, optimizing cluster performance and data processing efficiency.
* Leveraged AWS Beanstalk for deploying and scaling web applications and services developed with Java, ensuring seamless application management and scalability.
* Led daily stand-ups and scrum ceremonies for two scrum teams, ensuring effective communication and progress tracking.
* Integrated Python applications with databases such as PostgreSQL, MySQL, and MongoDB, implementing data persistence and retrieval functionalities to support application features and requirements.
* Enhanced the performance and capacity of the virtual system of the enterprise, optimizing resource utilization and system responsiveness.
* Utilized EC2 for creating snapshots, volumes, and security groups for public and private instances, ensuring secure and efficient cloud infrastructure management.
* Designed and developed RESTful APIs using best practices to interact within microservices and with the frontend, leveraging Spring MVC and Spring REST.

**Environment**: Java 8, Java 11, Python, Spring MVC, Spring Boot, Spring data JPA, Angular 10, Apache Camel, HTML5, CSS3, JSON, JavaScript, Hibernate, Kubernetes, Spring Data, SQL, TDD, WebLogic, IntelliJ IDEA, Junit 4.4, CI/CD, Kibana, Kafka, Mockito, LESS, Git, PCF, Docker, Spring Cloud, RESTful web services, Apache Tomcat, Atom, Microservices, Gradle, Jenkins, MongoDB.

**Client: Zurich insurance, Dallas, Texas Jan 2018 –– Jun 2019**

**Role: Full Stack Developer**

**Responsibilities:**

* Developed services that are reusable and interoperable, based on SOAP, JAX-WS, and JAX-RPC Web services.
* Proficient in core Java concepts like Collections, Servlets, and JSP, with experience in developing POJO objects and utilizing Hibernate as the Object-Relational Mapping (ORM) tool to access persistent data from SQL Server.
* Provided installation, configuration, and maintenance of pre-prod and production Cloud environments, including services such as Tomcat, Apache, Jetty, MySQL, and Jira.
* Applied BPM methodologies to streamline business processes, resulting in optimized workflow management and increased efficiency.
* Demonstrated exceptional problem-solving and debugging skills, swiftly addressing issues and ensuring smooth application performance.
* Proficient in Struts and Struts 2 frameworks for web development.
* Proficiently integrated CI/CD practices by specifying Jenkins, Azure DevOps, and TeamCity, ensuring seamless code integration, testing, and deployment processes.
* Hands-on experience in writing Stored Procedures, functions, triggers, DDL, and DML SQL queries, with proficiency in SQL, PL/SQL programming, and SQL Loader.
* Collaborated with the UI and testing teams to provide end-to-end testing, developed modules using UNIX shell scripting and C/C++.
* Developed working with Scala testing frameworks like Scala Test and Specs2 to write comprehensive unit and integration tests, ensuring software quality and reliability.
* Worked on Hibernate object-relational mapping per database schema, ensuring efficient data access and manipulation.
* Troubleshooting issues during the test cycle (Functional & load test) for J2EE applications on the spring framework running on WebLogic/JBoss servers.
* Utilized Maven for building, running, and creating JARs and WAR files, streamlining the development and deployment process.
* Participated in load testing of SOAP Web Services as SOAP UI and Apache Meter tools, ensuring application scalability and performance.
* Developed test classes using JUnit and Easy Mock, with test coverage using EMMA plug-in to ensure comprehensive testing.
* Strong understanding of Enterprise JavaBeans (EJBs) for building scalable enterprise applications.
* Utilized Splunk for logging and analysing defects status, facilitating efficient defect management and resolution.
* Developed a GUI using Flask, D3, and jQuery for log management and analysis.
* Developed modular and reusable components using React JS, enhancing code maintainability, and promoting best practices.
* Implemented state management using Redux to efficiently manage complex application states and data flow.
* Developed complex SQL queries and advanced analytical functions within Big Query, extracting actionable insights and facilitating data-driven decision-making for stakeholders across the organization.
* Collaborated with cross-functional teams to analyse requirements, design solutions, and deliver high-quality Python code, ensuring alignment with project goals and timelines.
* Worked on Spring security, implementing form-based authentication with Cross-Site Request Forgery (CSRF) token and securing REST endpoints with HTTP Basic authentication.
* Extensive experience with SQL Server databases and query optimization.
* Involved in creating dynamic website design and programming using HTML, CSS, and JavaScript, enhancing user interface and user experience.
* Developed and maintained RESTful APIs and microservices using Scala and Play Framework, ensuring high performance and responsiveness.
* Generated JAXB classes from schema files, ensuring seamless integration of XML data into Java applications.
* Proficiency in jQuery, Ajax, and HTML for client-side scripting and web page creation.
* Ensured cross-browser compatibility using CSS, providing consistent user experience across different web browsers.
* Built HTML and CSS systems for controlling text display issues cross-platform and cross-browser, ensuring consistent and visually appealing web content.

**Environment**: UNIX, JBoss, Python, Spring core, Angular 8/9, ReactJS, JMeter, Jetty, Core java, Spring MVC, Spring boot, Hibernate, Struts, SQL Server, SOAP/Rest Web services, Big Query, Struts 2, WebLogic, CI/CD, XML, Apache Camel, Tomcat, LESS, JSP, jQuery, HTML, CSS, TC Server, SASS, EJB, JAX-B, SVN, Maven, Jenkins, SFX.

**Client: L&T, India Jun 2012—Apr 2017**

**Role: Java Developer**

**Responsibilities:**

* Implemented Agile and Scrum methodologies, actively participating in technical meetings, requirements gathering, analysis, planning, effort estimations, development, and testing processes.
* Followed Agile methodology and practiced Test Driven Development, creating Design Docs from Functional Specifications.
* Demonstrated expertise in implementing core Java and J2EE Technologies, including JSP, Servlets, Spring, Hibernate, Java Beans, JDBC, XML, and Web Services.
* Utilized PostgreSQL for querying PL/SQL statements to store and retrieve data from the database using JDBC.
* Ensured compatibility with RxJS Compatibility package for Angular versions before Angular 4/2 & AngularJS 8.
* Managed project versioning using GitHub for effective version control.
* Proficiently utilized Azure Boards as an Agile Project Management tool for agile planning, tracking, and management.
* Extensively worked with Java 8, Spring Boot, and Pivotal Cloud Foundry (PCF) cloud infrastructure.
* Responsible for maintaining and expanding AWS infrastructure, including AWS EC2, CloudWatch event triggers, S3 document management, and IAM access management for S3 buckets.
* Utilized Splunk for identifying failures and errors in applications, facilitating efficient troubleshooting and issue resolution.
* Designed and optimized data ingestion pipelines using Big Query’s streaming and batch ingestion capabilities, enabling real-time and historical analysis of diverse data sources.
* Implemented RESTful Web services for backend services and utilized Couchbase DB (NoSQL) for database operations.
* Proficient in Python libraries such as NumPy, Pandas, and Matplotlib for data manipulation, analysis, and visualization, facilitating data-driven decision-making and insights generation.
* Leveraged Maven for building and deploying applications, streamlining the development process.
* Developed REST APIs using Hibernate and Spring JPA for data persistence, ensuring seamless integration with other services.
* Addressed callback hells in Node.js by adopting Promises and Generators from ES6, resulting in streamlined event handling and improved code efficiency.

**Environment**: Java 8, NodeJS, Python, Hibernate, Spring JPA, Apache Camel, Java Web Services (REST, JAX-WS), EJB 3.0, JERSEY, jQuery, Spring Boot, JavaScript, Bootstrap, GCP, LESS, Big Query, Web services, AWS, SASS, MyEclipse 10, PostgreSQL, Tomcat 8, Splunk, Java Beans, Maven, SQL, Log4j, Azure, Microservices, Confluence, UNIX Shell Script.