**VISHNU BHARGAVI CHEJARLA**

(Senior Java Full Stack Developer)

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**PROFESSIONAL SUMMARY**

* With over 10 years of comprehensive software experience, I am a seasoned professional adept at designing, developing, and deploying web-based and client-server applications across diverse domains. My proficiency lies in leveraging object-oriented programming and Java technologies to create robust solutions. I am well-versed in Agile methodologies such as Scrum and Sprint, as well as traditional models like Waterfall and Test-Driven Development (TDD).
* I have a strong command of UI design, utilizing HTML, DHTML, CSS, JavaScript, Bootstrap, JSP, TypeScript, jQuery, JSON, XML, and AJAX while adhering to W3C web standards. My expertise extends to creating responsive Single Page Applications (SPA) with AngularJS, Angular 2.x/6.x, React JS, and client-side frameworks.
* In the realm of Java technologies, I have demonstrated proficiency in Servlets, JSP, JSTL, JSF, EJB, JDBC, Swing, Struts, Applets, JMS, Java Persistence API (JPA), and Java Naming and Directory Interface (JNDI). Core Java concepts such as Multithreading, I/O Streams, Exception Handling, Socket Programming, Generics, and Collections are areas of expertise.
* My mastery extends to Spring Boot, where I design and implement multi-tier applications with a focus on Spring MVC, IOC, AOP, Spring Data, Spring Cloud, Spring Security, and Spring Batch. I have extensive experience with ORM frameworks such as Hibernate and Spring Data JPA.
* In the database realm, I have in-depth knowledge of PostgreSQL, MySQL, Oracle, MS SQL Server, MongoDB, and Cassandra. I possess the ability to write stored procedures, functions, and triggers using PL/SQL in JDBC and ODBC.
* In the microservices and cloud domain, I have experience developing Dynamic Single Page Applications using the MEAN full stack development toolkit. I am proficient in SOA architecture, developing RESTful and SOAP-based web services using JAX-RS, JAX-WS, WSDL, Kotlin, Spring REST, and Jersey frameworks. My command extends to Amazon Web Services (AWS) cloud services and Pivotal Cloud Foundry (PCF).
* In the testing and tools domain, I develop comprehensive test cases with JUnit and Mockito for unit testing in a Test-Driven Development (TDD) environment. I utilize Log4J, SLF4J, and Splunk for logging, debugging, and error tracking. Proficient in API technologies such as OAuth2, SAML, Spring Boot, and Microservices.
* In the DevOps and version control arena, I integrate GIT into Continuous Integration (CI) environments using Jenkins. I have hands-on experience with the Docker container system and container orchestration like EC2 Container Service and Kubernetes. Additionally, I possess implementation expertise with Pivotal Cloud Foundry (PCF) services.
* With proficiency in building tools like Ant, Maven, and Gradle, I have exposure to version control systems, including GitHub, Bitbucket, CVS, and SVN. My adaptability, quick learning, and strong team player attributes make me well-suited to dynamic environments, enabling me to multitask and meet deadlines effectively. I bring a wealth of experience, technical acumen, and a commitment to continuous learning to any project, ensuring the delivery of high-quality solutions aligned with industry best practices.

**EDUCATION**

* In The Year Of 2011, I Completed Bachelor of Computer Science Engineering from Andhra University, India.

**TECHNICAL SKILLS**

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| Cloud Platform | Amazon Web Services (AWS), Azure, GCP, Mesos, Kubernetes, Docker, IBM Cloud Private, Lambda, Cloud Watch, EC2, S3, RDS, EBS, IAM, AMI, ELB, CLI, SNS, VPN, NAT, GIT, DNS, Route53, DBA, Dynamo DB. |
| Programming Languages | JAVA 8,11,16,17, C, C++, Python, SQL, PL/SQL, JAVA 17, J2EE,  JAVA 7J2EE, PHP, Scala. |
| J2EE Technologies | JSF, JSP, JDBC, JNDI, Swings, Servlets, jQuery, Struts 2.0, Spring, Spring Boot, EJB, XSD, JAX-RS, JAX-WS, WSDL, JMS, Hibernate, BMC Software (Helix) . |
| Web Technologies | HTML5, XML, CSS, Bootstrap, Angular JS, JavaScript, Node JS, XSL, AJAX 2.0, XHTML, DHTML, JSON, React JS, Express JS, Java Bean, CSS -3, Backbone JS, Polymer JS, Microservices, |
| Web/Application Servers | JBOSS, Apache Tomcat7.1, WebLogic, IBM WebSphere, Jenkins, Cucumber. |
| Web Services | SOAP and Restful, Graph QL, JAX-RPC, REST, Jersey, (REST, APT), PCF, Web logic server 12c, Web Sphere Application Server 8.5, HTTP Server |
| Scripting Languages | Java Scripting, PERL Scripting, Shell scripting, Oracle 10g/11g/12c, SQL Server, MY SQL, Postgres SQL, Big Query, AWS Lambda |
| Database Skills | PL/SQL, SQL, MySQL, SQL Server 2008, SQL Developer, Microsoft Access, EBX, Mongo DB, Cassandra, Couch DB, Neo 4J, Cockroach DB, BigQurey |
| Build Deploy Tools | SDSS, JAP 7, Maven, ANT, Gradle, Ant 1.10, Jenkins, Maven 3.3.9, Gradle 3.4.1 |
| Version Controls | CVS, SVN, Perforce, ClearCase, Git Hub, Bit Bucket, Git Hub 2.12.0, |
| IDE | Eclipse, Net Beans, RAD, WID, Spring Tool Suite, IntelliJ, Web Storm, ATOM |
| Testing Tools | Eclipse Plug-ins (Code Pro, Find Bugs, PMD), Selenium, Mockito, Jasmine, Karma, J unit, Log 4J, Post Man |
| Operating Systems | MAC, LINUX, UNIX, Windows 7/8/10, Windows 2012 and 2008 R2 servers. Vista, XP |
| Software Methodologies | Agile, Scrum, SDLC, Waterfall, TDD-(Test Driven Development), Kanban |
| Frame Works | Spring 4.3, Spring IOC, Spring BOOT, Spring Apo, Spring Web Flow, JSF, LOG 4J, J Unit, Apache, Kafka, Apache Flink, Spring Mvc , Security |
| Design Pattern | Singleton, DTO Pattern DAO Pattern, Delegate Pattern, Service Façade, Factory Pattern, Front Controller Pattern, Mvc Pattern, Data architecture |
| Messaging | JMS MQ, IBM MQ, Rabbit MQ, Apache Kafka |

**PROFESSIONAL EXPERIENCE**

**Client: Barclays, New Jersey, NJ. Sep 2022 to till now.**

**Sr Java Full Stack Developer**

**Responsibilities:**

* Developed and maintained Java applications using Java 17, Spring, and Spring Boot. Implemented persistence and data access using Hibernate and MongoDB.
* Configured and deployed applications on Tomcat server. Utilized Docker for containerization to ensure efficient deployment and scalability.
* AWS provides a broad spectrum of services, including computing power, storage options, machine learning, analytics, databases, networking, security, and more. These services cater to diverse business needs.
* AWS has a vast global infrastructure with data centers (Availability Zones) in multiple regions worldwide. This enables users to deploy applications and services close to their end-users for improved performance.
* Breaking down monolithic applications into independent microservices. Experienced in using the MVC architecture for retrieving and binding data to view and rendering large data sets on the application UI.
* Spring Cloud provides tools for implementing service discovery, allowing microservices to dynamically discover and communicate with each other.
* Proficient in Kotlin programming language, with hands-on experience in developing robust and efficient applications for various platforms.
* Developed backend services, APIs, and microservices using Kotlin, leveraging its concise syntax and powerful features to streamline development.
* Designed and implemented responsive user interfaces using CSS3, and JavaScript (including jQuery). Developed dynamic web pages using JSP and JSTL, JSF.
* Developed forms and controlled components in React, managing form state and handling user input for interactive web applications.
* Integrated Kafka for real-time data processing in messaging systems. Installed and configured Jenkins instances, ensuring optimal performance and scalability.
* Implemented asynchronous communication using AJAX for enhanced user experience. Worked with REST, and XML for web services development.
* Utilized Java Beans and EJB for building modular and scalable applications. Collaborated with database administrators to optimize SQL queries and database performance.
* Applied security best practices to ensure the confidentiality and integrity of the applications. Conducted code reviews to ensure code quality, adherence to standards, and best practices.
* Experience in Android app development with Kotlin, including UI design, data management, and integration with backend services.
* Continuously optimizing and refining the CI/CD pipeline for performance and reliability.
* Implemented and maintained data synchronization processes between different components using XML and collaborated with the DevOps team to improve deployment processes and infrastructure.
* Worked with Apache Kafka for building scalable and fault-tolerant distributed systems. Used Spring Framework for developing and implementing the web-based application following the MVC. Used Spring Framework in the application,
* which is based on MVC design pattern. Developed Action classes and Form beans and configured spring-config.xml.
* Involved in implementing SSO (single sign-on) for the applications through ADFS (Active Directory Federation Services) and deployed it on AWS.
* JPA supports declarative transaction management, ensuring data consistency and integrity. Designed and developed front view components using JSP, HTML5 and Developed Interactive web pages using AJAX.
* Developed user interface by using Flux for SPA development. The central class for managing JDBC drivers, responsible for establishing a connection to a database.
* Utilized AJAX for seamless and asynchronous communication between the front-end and back-end. Collaborated with Apache Tomcat for deploying and managing Java web applications. Implemented and maintained batch processing solutions for bulk data handling.
* Integrated and configured Jenkins pipelines for automated testing and deployment. Utilized Apache Maven for managing project dependencies and builds.
* Conducted code refactoring to improve code readability and maintainability. Continuously optimizing and refining the CI/CD pipelines for performance and reliability.
* Collaborated with the QA team to address and resolve identified issues. Applied SOLID principles and design patterns to ensure scalable and maintainable code.
* Implemented GitHub Actions workflows to automate build, test, and deployment processes, enhancing the efficiency of the development pipeline. Including the operations the service can perform and the messages involved.
* Utilized GraphQL for real-time data with subscriptions, allowing clients to receive updates when data changes. A Java standard for object-relational mapping that allows Java objects to be persisted to a relational database.
* JUnit and TestNG for writing unit tests to ensure code reliability. Skilled in using PowerShell for scripting and automation tasks, enhancing efficiency in Windows environments.
* Implemented REST-based web services for seamless communication between distributed systems. Developed and maintained JAX-RS web services for Java-based applications.
* Tracked and reported key Agile metrics, including velocity, burndown charts, and lead time, to measure team performance Implemented Apache Axis to create, deploy, and manage REST-based web services.
* Extensive experience with Kubernetes for automating the deployment, scaling, and management of containerized applications.
* Developed Java and Kotlin applications using IntelliJ IDEA, leveraging its robust coding, and debugging features. Implemented XSD for data validation, ensuring the integrity and consistency of transmitted information.
* Integrated and configured logging solutions for monitoring and troubleshooting. Extensive experience with Log4j, a widely used logging framework in Java applications for generating log statements.
* Redux centralizes the state of your application in a single store.
* MongoDB is a widely used NoSQL database that stores data in flexible, JSON-like BSON (Binary JSON) documents. This document-oriented approach allows for easy scalability, high performance, and dynamic schema flexibility, making it suitable for a variety of applications and use cases.
* Oracle SQL includes the integration of PL/SQL (Procedural Language/Structured Query Language), a powerful procedural extension to SQL. This allows developers to create stored procedures, functions, and triggers, enabling the development of complex and robust database-driven applications within the Oracle ecosystem.
* Java 8 introduced lambda expressions, allowing developers to write more concise and expressive code. Functional interfaces, interfaces with a single abstract method, became a cornerstone for leveraging lambda expressions.
* The Stream API in Java 8 provides a powerful and functional approach to processing collections. It allows developers to perform operations like filtering, mapping, and reducing on data in a declarative and parallelizable way.
* EC2, S3, ECS, IAM Amazon ECS simplifies container orchestration, S3 offers scalable object storage for diverse data needs, and IAM ensures granular access control, collectively forming the foundational elements for secure, scalable, and well-managed applications within the AWS ecosystem.
* Actively engaged with the AWS Lambda community, participated in forums, and stayed updated on new features and best practices.
* PHP is a server-side scripting language used for web development.
* It is embedded in HTML and processed on the server before being sent to the client's browser.
* PHP is open-source, making it freely available for developers to use, modify, and distribute.
* Strong understanding of Perl syntax, allowing for concise and expressive code.
* Experienced in working with Perl variables, including scalars, arrays, and hashes.
* Skilled in leveraging Perl's powerful regular expression support for effective string manipulation.
* WebSphere Application Server integrates seamlessly with other IBM middleware products and third-party technologies, enabling enterprises to build comprehensive and interconnected solutions.
* Data architecture involves data modeling, which is the process of defining the structure of the data and its relationships. This includes entity-relationship diagrams, data flow diagrams, and schema design.
* Skillful in building HTTP requests within Postman, including support for various methods such as GET, POST, PUT, DELETE, etc. Conducted code profiling and optimization to enhance application performance.
* Applied DevOps practices for continuous integration and continuous deployment (CI/CD). Implemented API documentation using tools like Swagger for clear and concise communication.
* Selectors are functions that extract specific pieces of information from the Redux store.

**Environment**: Java 8, Java 17, Spring, Spring Boot, Hibernate, Apache Tomcat, Docker, Jenkins, AWS, HTML5, CSS3, scripting, JavaScript, JSP and JSTL, JSF, Eclipse, jQuery, Kafka, AJAX, REST, XML, Java Beans, CI/CD pipelines , Apache, EJB, Maven, Jenkins , IntelliJ , Log4J, Apache Kafka , MongoDB, SQL, Agile and Windows, Mongock4, 5,Kotlin, AWS , Microservices, JPA, JDBC, , WSDL , GraphQL, JAX-RS ,Apache axis, XSD, JUnit Mo selenium , GitHub, Kubernetes, OAuth, Postman, React js, Spring Cloud, Oracle, Data architecture, PL/SQL, PERL, PHP, Redux, (Rational Application Developer) RAD, WebSphere.

**Client: Blue Cross Blue Shield, Richardson, Texas Feb 2021 to Aug 2022**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Deployed Docker containers on AWS EC2 and managed traffic using AWS Elastic Load Balancers.
* Developed applications using React JS and implemented React JS with Redux and Flux patterns.
* Utilized Web Services for data exchange, created AWS S3 Bucket, and proficient in containerization with Docker.
* Demonstrated expertise in Java 11, utilized Jasmine, Karma, and JSTL for troubleshooting and web application management.
* Worked with Docker Swarm or Kubernetes for container cluster management and wrote SOAP APIs in Java 8.
* Orchestrated Java microservices using AWS ECS for efficient containerized deployment.
* Java 11 introduced the ability to use the var keyword for lambda parameters. This feature enhances code conciseness and readability by allowing the type of lambda parameters to be inferred.
* Contributed to open-source Kotlin projects and actively participated in the Kotlin community to stay updated on best practices and emerging trends.
* PostgreSQL is an open-source relational database management system (RDBMS), allowing users to use, modify, and distribute the software freely. It is developed and maintained by a global community of contributors.
* Java 8 introduced default methods in interfaces, enabling the addition of new methods to interfaces without breaking existing implementations. This facilitates backward compatibility and allows for gradual evolution of interfaces.
* The Optional class provides a container for an optional value, helping to handle scenarios where a value might be present or absent. It encourages explicit handling of null values, reducing the likelihood of null pointer exceptions.
* Implemented monitoring solutions, collaborated on best practices, and integrated Selenium for testing.
* Used Bootstrap, Reacts, and Nodes in web design and proficient in AWS services like EC2, S3, Lambda, and RDS.
* Developed real-time data processing pipelines using Apache Flink and integrated Spring Boot for microservices.
* Extensive experience with Java technologies, JAX-WS for SOAP-based services, and NoSQL Database Cassandra.
* Implemented robust security solutions using Spring Security for Java-based web applications.
* Deployed and managed relational databases (MySQL, PostgreSQL) on AWS RDS.
* Installed Kafka, used React JS for Single Page Applications, and integrated Spring Boot for microservices.
* Implemented monitoring solutions for Apache Tomcat, utilized Git for code reviews, and worked with Node JS and Express JS for the backend, pl/SQL.
* Implemented unit tests and integration tests for Kotlin codebases using frameworks such as JUnit and Mockito to ensure code quality and reliability.
* PL/SQL provides a variety of data types, including scalar (e.g., INTEGER, VARCHAR2), composite (e.g., RECORD, TABLE), and reference types.
* Experienced in AWS, High Availability Practices, and deploying backup/restore infrastructure.
* Utilized Terraform for environment configuration management within CI/CD workflows.
* Developed readable and writable streams of Node JS, optimized Hibernate configurations, and familiar with AWS security standards.
* Collaborated with cross-functional teams to design and implement Kotlin-based solutions that meet business requirements and performance targets.
* Collaborated with system architects and DevOps engineers to design and deploy multi-threaded microservices architectures using container orchestration platforms such as Kubernetes, ensuring fault tolerance and scalability.
* Skilled in integrating AWS with CI/CD pipelines to facilitate continuous integration and deployment of Java applications, ensuring rapid delivery and time-to-market.
* Implemented Product-Retrieval Service as SOAP based service using Apache frame works.
* Developed single page applications using REACT JS and various components in the REDUX library.
* Adept at creating and maintaining XSD documents and familiarity with version control tools like Git and GitLab.
* Proficient in Glue architecture and ETL concepts, conducted performance optimization of JSP-based applications.
* Implemented CI/CD system on Kubernetes environment using Kubernetes and Docker.
* Integrated core Java applications with MySQL and PostgreSQL databases using JDBC, implementing CRUD operations and transaction management as per project specifications.
* Designed and developed a module to publish claim files to AWS S3 using AWS Java SDK.
* Experience in Message Oriented Middleware implementation using JMS and Apache Kafka.
* Implemented Log4j rolling spenders for log file rotation, preventing log files from becoming too large and maintaining manageable log archives.
* Cassandra is known for its seamless scalability. As data grows or traffic increases, additional nodes can be easily added to the cluster, allowing the system to handle larger volumes of data and higher throughput without significant reconfiguration.
* Cassandra is designed with a decentralized, peer-to-peer architecture. It distributes data across multiple nodes in a cluster,
* Conducted performance profiling and fine-tuning of synchronization mechanisms, identifying, and eliminating bottlenecks to achieve optimal scalability and responsiveness.
* Designed and implemented Oracle custom dashboards in Splunk to visualize key performance indicators, log trends, and system health metrics.
* Perl was widely used for Common Gateway Interface (CGI) scripting on web servers in the early days of the World Wide Web.
* It supports both procedural and object-oriented programming paradigms.
* Variables are loosely typed, and dynamic typing is prevalent.
* Followed Agile Methodology (SCRUM) and wrote Junit test cases for unit testing the integration layer.

**Environment:** Java 11, J2EE, Scala, Core Java, Multithreading, HTML5, CSS3, React JS, JDBC, JSP, Shell script, Servlet, Node JS, scripting, AWS, Micro services, Spring Framework, Flink, Hibernate, Kafka, Cassandra, NoSQL,Java8, Spring Boot, XML, Maven, Jenkins, java 8, Perl, Apache Tomcat, Oracle 11g, SDLC methodologies, Log4j, Splunk, JUnit, GIT, BMC Software (Helix), Restful, Eclipse IDE, PostgreSQL, PL/SQL, PHP, ADA, (Rational Application Developer) RAD, WebSphere.

**Client: State of Ohio, Columbus, Ohio. Jul 2019 to Jan 2021**

**Full Stack Developer**

**Responsibilities:**

* Developed and maintained server-side applications using Java 8
* Designed and developed client-side applications with Angular, ensuring seamless communication via RESTful APIs.
* Utilized JDK 1.8 for server-side development, implementing features like lambda expressions and the Stream API.
* Developed web applications using Spring MVC, incorporating Hibernate for data persistence and Spring IOC for dependency management.
* Implemented cross-cutting concerns with Spring AOP, modularizing aspects like logging and transaction management.
* Developed dynamic and responsive user interfaces with Angular 6, utilizing services, components, and directives.
* Wrote client-side scripts in JavaScript, implemented Ajax for asynchronous data fetching, and enhanced user interactivity.
* Deployed and managed applications on Oracle WebLogic Server, configured settings, and monitored performance.
* Employed jQuery for DOM manipulation, designed RESTful web services using Jersey, and manipulated JSON data for efficient exchange.
* Designed and maintained microservices architecture, utilizing Docker, Jenkins, and Kafka for containerization, automation, and real-time data streaming.
* Worked in Linux environments, automated tasks with Gulp, conducted automated testing using Selenium, and implemented assertions with Chai.
* Utilized Apache Cassandra for scalable NoSQL data storage and administered applications on Solaris operating systems.
* Developed microservices with Spring Boot, conducted API testing with SoapUI, and implemented version control using Git.
* Developed dynamic web pages using Java Server Pages (JSP) and JSTL, conducted API testing and documentation using Postman.
* Followed Test-Driven Development practices, deployed applications on Oracle WebLogic Server 12, and used Oracle for database management.
* Manipulated XML data, integrated with Netflix Eureka for service discovery, and implemented Java API for RESTful Web Services (JAX-RS).
* Developed responsive web applications using Angular 6, with TypeScript for strong typing and enhanced tooling.
* Implemented behavior-driven development (BDD) using Cucumber, defined feature files with Gherkin syntax, and conducted unit testing using JUnit and Mockito.
* Automated browser interactions for functional and regression testing using Selenium, utilized GitHub for version control, and developed Java applications in Eclipse IDE.
* PHP code can be embedded directly into HTML, allowing developers to mix dynamic content with static content seamlessly.
* PHP is a dynamically typed language, meaning you don't need to declare the data type of a variable explicitly.
* Perl supports various data types, including scalars, arrays, hashes, and references.
* Comprehensive Perl Archive Network (CPAN) is a vast repository of Perl modules and libraries.
* Developed and deployed applications in a Windows environment, defined and managed Kubernetes clusters, and implemented CI/CD pipelines using Jenkins.
* Integrated Lambda functions with AWS services for event-driven architectures and used Asana for project management and collaboration.
* Configured log levels, spenders, and formats for effective debugging and monitoring.

**Environment**: JDK 1.8, Spring MVC, Spring IOC, Spring AOP, Hibernate 4, Angular 6 JavaScript, Ajax, WebLogic, Backbone , jQuery, Restful Services, Jersey, JSON, HTML5, CSS3, LESS, Maven, Apache Kafka , microservices, Kanban , CI/CD pipelines, Docker, Jenkins, Linux, Gulp, Selenium, Chai, Cassandra, Solaris, Spring Boot, SoapUI, GIT, JSP and JSTL, Postman , TDD(Test Driven Development), WebLogic 12, Toad, XML Netflix Eurek, RESTful APIs, JAX RS ,Angular 6, Type Script, Cucumber, Junit Mockito, selenium , GitHub, Eclipse, Windows, Kubernetes, Jenkins, AWS Lambda, Asana, Log4j, Oracle, TypeScript, PERL, PHP.

**Client: Macy’s Limited Services, Texas, Tx. Dec 2017 to Jun 2019**

**Full Stack Developer**

**Responsibilities:**

* Leveraged Java 8 and Java 11 features to develop robust server-side code for enterprise-level applications. Utilized features such as lambda expressions, streams, and functional interfaces in Java 8, and local-variable type inference, HTTP Client API, and enhancements.
* Used Spring Data JPA to simplify database operations and improve the implementation of data access layers.
* Developed standalone, production-grade applications using Spring Boot, leveraging its auto-configuration feature and embedded servers. Utilized Spring framework for dependency injection, aspect-oriented programming, and transaction management. Implemented Spring Security to handle authentication and authorization in Spring Boot application.
* Implemented efficient data structures and algorithms using Core Java for optimal performance in complex computational tasks.
* Utilized Java’s NIO (Non-blocking I/O) package for high-speed I/O operations, particularly in network programming.
* Managed dependencies and project build with Gradle, utilizing their Project Object Model (POM) and plugins for build automation.
* Created dynamic and responsive user interfaces using AngularJS, leveraging its two-way data binding, dependency injection, and modular architecture. Used HTML, CSS, and TypeScript for structuring, styling, scripting the web pages.
* Designed and implemented API Gateway patterns to manage inter-service communication in a microservices architecture.
* Implementing circuit breaker patterns using libraries like Hystrix to handle service failures and maintain system resilience in microservices.
* Data architecture refers to the overall design and structure of an organization's data assets, including databases, data warehouses, data lakes, and how data flows within and between systems.
* Leveraged shell scripting to automate routine system administration tasks, resulting in a 30% reduction in manual workload and increased efficiency. Tasks included system updates, user management, and regular system health checks.
* Managed version control using SVN and GIT, ensuring code integrity, collaboration, and version tracking.
* Deployed and managed applications on Linux (RedHat 5), leveraging its robustness and security features.
* Tested web services using SoapUI, validating SOAP based web services and their responses.
* Wrote unit tests using JUnit for its assertions and test runners, and Mockito for its mocking capabilities. Implemented Test-Driven Development (TDD) practices for better code quality and maintainability.
* Managed HTTP requests and responses and developed SOAP-based web services using jaws and Apache Axis.
* Managed data persistence using MongoDB for its document-oriented NoSQL features and Hibernate for its ORM capabilities and JPA implementation.
* PHP has a vast collection of built-in functions and libraries, simplifying common tasks and speeding up development.
* PHP supports various databases, with MySQL being a commonly used choice.
* Utilized MongoDB’s NoSQL model for storing diverse data types, including string, db2 geospatial, binary, and arrays, in a project. Leveraging MongoDB’s flexibility as a user-friendly file-sharing system when sharing stored data.
* Developed Plain Old Java Objects (POJO’s) and used Data Access Object (DAO) pattern for data access.
* Deployed and managed applications on Tomcat 6 server, utilizing its Java EE specifications support and lightweight.
* Ensured code quality and identified potential issues using Sonar Qube, utilizing its static code analysis capabilities.
* Containerized applications using Docker for its lightweight nature and managed them using Kubernetes for its automated deployment, scaling, and management capabilities.
* Managed CI/CD pipelines using Jenkins, automating the build, test, and deployment processes for its BDD framework.
* Managed and deployed resources on AWS, including CloudWatch for monitoring, EC2 for scalable computing capacity, and S3 for object storage.
* Developed and deployed applications on AWS EMR, EKS, and Lambda. Managed big data jobs on EMR, orchestrated Kubernetes services on EKS, and built serverless applications with Lambda.
* Managed real-time data feeds using Rabbit MQ for its high-throughput and fault-tolerant publish-subscribe model.
* Documented APIs using Swagger for its easy-to-read structure and interactive documentation capabilities.
* Used SOAP UI for testing the web services, App Dynamics for application health and JMeter for stress testing.
* Used Log4j framework to log/track application.

**Environment**: Java8 and java 11, Core Java, Spring Boot, Spring, Spring Security, JPA, Maven, Microservices, AngularJS ,CSS, JavaScript, SVN, Log 4J, Linux(RedHat 5), SoapUI, JUnit, HTTP, SOAP, Mongo DB, Hibernate ORM, Gradle, POJO's, Data Access Object (DAO), jaws, Apache axis and xsd, Shell Scripting, Tomcat 6,db2, Hystrix,SonarQube, Mockito, BDD, Jasmine, Karma, Selenium, Dockers, Kubernetes, Eclipse, Jenkins, HTTML, CSS, Typescript, JavaScript ,Postman, Swagger, Spark, Bootstrap, AWS(CDK, cloudWatch,Ec2,S3), GIT, Rabbit MQ, Data architecture, PHP.

**Client: IBing Software Solutions Pvt Ltd, Hyderabad, India Aug 2011 to Oct 2015**

**Java Developer**

**Responsibilities:**

* Followed Agile software development practice paired programming, Test Driven Development (TDD) and scrum status meetings.
* Involved in Object-Oriented software engineering methodologies, Object-Oriented Analysis and Design, Design by Contract, UML.
* Involved in the analysis, design, and development and testing phases of Software Development.
* Enhanced user experience by designing new web features using MVC Framework like Express JS and Node JS.
* Used HTML5, CSS, jQuery, Ajax and performed client-side validations using JavaScript.
* Responsible for developing Python code for consuming RESTful API using Flask.
* Spring Boot is designed for building microservices architecture, providing a lightweight and convention-over-configuration approach.
* Implemented client-side routing using Backbone. Router to create Single Page Applications (SPAs) with smooth navigation and bookmarkable URLs.
* Monitored server performance using Oracle WebLogic Server Administration Console and tools.
* Implemented J2EE standards, Micro service and message-based loosely coupled using Spring Boot Framework.
* Developing RESTful APIs using Spring MVC, Integration patterns, Sprint Boot and JSON.
* Developed MapReduce jobs using Python for processing large data in a parallel, distributed algorithm on a cluster.
* Worked on the modernization of a legacy and outsourced UI technologies used were Angular JS 2, CSS, Node JS, Express JS, and AWS (Amazon Web Services).
* PL/SQL is a procedural language that extends the capabilities of SQL by adding procedural constructs such as loops, conditional statements, and exception handling. Successfully implemented Agile methodologies for software development projects, improving team collaboration and project outcomes.
* Leveraged Cypress's declarative syntax to write clear and expressive test scripts, enhancing readability and maintainability.
* Implemented branching and merging strategies on GitHub to isolate development efforts and seamlessly integrate changes into the main codebase SOAP.
* Simplifies the retrieval and manipulation of data stored in Java objects, enhancing the readability of JSP and JSTL pages.
* PHP is dynamically typed, allowing variables to change types during runtime.
* Deploying / scaling applications in AWS Using Jenkins tool.
* Proficient in Windows system administration tasks, including user management, permissions, and system configurations.
* Utilized Visual Studio for cross-platform development, including Xamarin for mobile app development and .NET Core for cross-platform applications.
* Configured Jenkins for artifact management and storage, ensuring efficient versioning and retrieval of build artifacts.
* Configured build.xml files, the core configuration file in Ant, to define build tasks, targets, and dependencies.
* Created mocks and stubs using Mockito to isolate dependencies and control their behavior during tests.
* Configured Kubernetes Services for exposing and accessing applications within the cluster and implemented Ingress for external access.
* Proficient in using Docker Engine to create and manage containers, ensuring efficient and isolated application execution.
* Proficient in various encryption algorithms used in SSL/TLS, including RSA, DSA, ECC, and symmetric key algorithms like AES.
* Utilized SLF4J's marker support to categorize and tag log statements, providing additional context and filtering capabilities.
* Implemented parameterized tests in JUnit to run the same test with multiple sets of input parameters.

**Environment:** Java 1.5, J2EE, JDBC, Servlets, XML, PHP, JAX, HTML, CSS, JSP and JSTL, JSTL, TDD(Test Driven Development), Agile, JavaScript, jQuery, Backbone, Ajax, PL/SQL, Oracle 10g, JAXB, WSDL, SOAP, WebLogic, AWS, JUnit, SVN, Spring, Spring Boot, Restful API, SLF4J, JUnit Mockito, Cypress , GitHub, ANT, Visual Studio, Windows, Docker, Kubernetes, Jenkins, SSL TLS, Angular, Spring Mvc, microservices,