**Shiva kumar**

*Senior Java Developer*

**Email Id:** shivathirumala28@gmail.com

**Phone Number**: +1 302 272 5759

**PROFESSIONAL SUMMARY:**

* Having 11+ years of IT experience in analysis, implementation, design, and testing of Object-Oriented Applications in Client/ Server environments using Java/J2EE.
* Expertise in Software Development Life Cycle (SDLC) phases including analysis, design, prototyping, development, testing, implementation and maintenance for Client and Server-side Enterprise Applications.
* Expertise in Object Oriented Programming (OOP) using Core Java and development for web applications using J2EE technologies like Spring, Hibernate, JDBC, JNDI, JSP, JSTL, JMS, and Servlet.
* Experienced in developing RESTful APIs and microservices using Express.js, Fastify, and other Node.js frameworks.
* Designed and implemented distributed caching solutions using Hazelcast to improve application performance and reduce database load.
* Expertise in implementing application using Design Patterns such as MVC, Singleton, Factory, Proxy, Decorator, Adapter and Observer.
* x in Kotlin for Android, backend (Ktor, Spring Boot), and scripting.
* Developed scalable web applications using Django and Django REST Framework (DRF) for backend APIs.
* Expertise in analysis, implementation and development for Data Structure & Algorithm, Java Virtual Machine (JVM) and Performance Monitoring & Tuning.
* Expertise in Spring Framework in Spring Core, Spring Security, Spring Boot, Spring Data, Spring Batch and Spring Cloud.
* Collaborated with frontend teams to design optimized GraphQL queries for React/Angular applications.
* Designed PostgreSQL schemas with Flask-SQLAlchemy for SaaS application serving 10K+ monthly users
* Developed Gen AI applications using Java-based frameworks like Deeplearning4j, Hugging Face Transformers, and LangChain4j.
* Proficient in **Java-based blockchain** and **cryptocurrency development** using frameworks like **Spring Boot, Web3j, and BitcoinJ**.
* Developed and maintained applications using Python and Java, ensuring seamless integration between both ecosystems (e.g., REST APIs, microservices).
* Utilized Angular 14’s Signals API for fine-grained reactivity, improving application performance and reducing unnecessary re-renders.
* Proficient in-Service Oriented Architecture (SOA) by creating RESTful and SOAP web services using WSDL, XML, XSD, UDDI, SOAP UI, JAX-WS, JAX-RS and Jersey framework.
* Proficient in developing, fine-tuning, and deploying Large Language Models (LLMs) such as GPT, BERT, and T5 for natural language processing (NLP) tasks.
* Proficient in persistence layer framework like Hibernate and MyBatis for Object Relation Mapping (ORM) with database and querying by HQL and Criteria.
* Developed high-performance, low-latency applications on the JVM using Java, Kotlin, and Scala, optimizing garbage collection (G1GC, ZGC) for throughput-critical systems.
* Proficient in Java 21, leveraging its latest features such as virtual threads, sequenced collections, record patterns, and pattern matching for switch to build scalable and maintainable applications.
* Tuned Druid configurations, such as segment size, partitioning, and indexing, to improve query performance and reduce resource usage.
* Proficient in data modeling framework like Dari framework to process complex data, such as video and graphs, for data persistence to database backbends.
* Hand-on experience in Test Driven Development (TDD) by using unit testing framework like JUnit and Mockito
* Hand-on experience in developing asynchronous messaging services with JMS and ActiveMQ for communication among distributed applications.
* Optimized LLM inference speed and reduced latency for real-time applications. Deployed LLMs on cloud platforms (AWS, GCP, Azure) and edge devices for scalable solutions.
* Hand-on experience in configure and deployment for Application/Web Server like Apache Tomcat, JBoss, Glassfish and WebLogic.
* Proficient in Java 1.0/1.1, with hands-on experience in developing standalone applications and applets.
* Hand-on experience in Object Oriented Analysis, Design and Development of Applications with UML diagrams
* Sound understanding with database development and database tuning using SQL, PL/SQL and implementation for RDBMS like MySQL, Oracle, PostgreSQL and NoSQL like MongoDB, DynamoDB, Cassandra.
* Knowledge in front-end web development using HTML, CSS, JavaScript, AJAX, JQuery, Bootstrap, JSON, AngularJS and XML.
* Built high-performance Android apps using Kotlin, Jetpack Compose, Coroutines, and Flow.
* Proficient in developing RESTful and SOAP-based web services using Java frameworks like Spring Boot, JAX-RS, and JAX-WS.
* Leveraged Python’s rapid prototyping capabilities alongside Java’s high-performance backend systems for scalable solutions.
* Proficient in Java backend development using frameworks like Spring Boot, Hibernate, and Java EE.
* Proficient in configuring and deploying cloud platform using Amazon Web Services (AWS) technologies like EC2, S3, Elastic Beanstalk, RDS, DynamoDB, Lambda, EMR, API Gateway, Cloud front, SNS, SQS and SES.
* Hand-on experience in big data query using Pig Latin and performing data visualization using D3.js
* Hand-on experience in implementation of Microservices for Load Balancing by configuring and developing Distributed System performed by Zookeeper, Docker, Marathon and Cassandra.
* Experience in Shell scripting under Windows and Unix/Linux operation system.
* Proficient in Node.js for building high-performance, event-driven, and non-blocking I/O applications.
* Experience in working under Agile Scrum and Waterfall methodologies and using JIRA as task management, issue and bug tracking.
* Troubleshot JVM memory leaks, thread contention, and GC pauses using VisualVM, YourKit, and async-profiler in production environments.
* Built Model-View-Template (MVT) and Model-View-Controller (MVC) architectures in Django for maintainable code structure.
* Utilized Python frameworks (Django, Flask) and Java frameworks (Spring Boot) to build full-stack applications.
* Developed a high-performance web application using Java 21, leveraging virtual threads to handle thousands of concurrent connections efficiently.
* Skilled in leveraging pre-trained LLMs for tasks like text generation, summarization, sentiment analysis, and question answering.
* Designed and implemented real-time analytics solutions using Apache Druid, enabling low-latency querying and reporting for large-scale datasets.
* Experience in working under BDD methodologies and using Cucumber and Selenium for automation testing.
* Experience in using Git and SVN for version control and continuous integration tool such as Jenkins.
* Utilized LLMs for multilingual translation, sentiment analysis, and text classification in global applications.
* Self-motivated, dedicated, reliable as a team player with excellent interpersonal skills and learning ability.

**TECHNICAL SKILLS:**

* **Programming Languages:** Java, SQL, Python, Shell Scripts, Groovy.
* **Java/J2EE Technologies:** Core Java, Spring, Spring Security, Spring Boot, Spring Batch, Hibernate, JSP, JSTL, JMS, JUnit, Servlet, JNDI, JDBC, Log4j, Slf4j, Elastic search.
* **Web Development:** HTML, CSS, JavaScript, AJAX, JQuery, Bootstrap, AngularJS, JSON, Node.js, Express.
* **Web/Application Servers:** Apache Tomcat, JBoss, Glassfish, WebLogic.
* **Web Services:** RESTful, SOAP, WSDL, XML, XSD, UDDI, SOAP UI, JAX-WS, JAX-RS, Jersey framework, Apache CXF.
* **Databases:** MySQL, Oracle, MongoDB, DynamoDB, PostgreSQL, Cassandra, Sybase.
* **Amazon Web Services:** EC2, S3, Elastic Beanstalk, RDS, DynamoDB, Lambda, EMR, API Gateway, Cloud front, SNS, SQS, SES.
* **Big Data Analysis:** Spark, Hadoop 0.x 1.x, MapReduce, HDFS, Hive, HBase, Oozie.
* **CI/CD & Version Control:** Git, SVN, Jenkins.
* **Methodologies:** TDD, Agile Scrum, Waterfall, BDD.
* **Operating Systems:** Window, Linux/Unix, MacOS.

**PROFESSIONAL EXPERIENCE:**

**Client: Goldman Sachs, New York, NY April 2024 – Till Date**

**Role: Senior Java Developer**

**Responsibilities:**

* Involved in analysis, design and development and testing phases of the application development (SDLC) using Agile Scrum methodology.
* Implemented business logic using Spring boot, JPA, Hibernate.
* Implemented Orchestration in the service layer using Activity BPM with Spring boot for automating and monitoring our business processes.
* Deployed Spring Boot & Micronaut microservices on Kubernetes (GKE/EKS) with JVM tuning for containerized environments (CPU/memory limits).
* Designed and deployed scalable Big Data pipelines processing TB/PB-scale datasets using Hadoop, Spark, Kafka, and Flink.
* Strong understanding of **cryptographic principles** (SHA-256, ECDSA, Merkle Trees) for secure transaction processing.
* Developed and maintained GraphQL APIs using Java frameworks like Spring Boot GraphQL and graphql-java.
* Optimized asynchronous operations using Kotlin Coroutines, Flow, and Channels.
* Developed high-performance Hadoop MapReduce jobs in Java to process TB-scale datasets, improving processing efficiency.
* Developed Angular-JS components such as controllers, Services, filters, models.
* Migrated legacy Java applications to Hadoop ecosystem, enabling scalable distributed processing.
* Implemented a high-performance Order Management System (OMS) and Execution Management System (EMS), supporting Market, Limit, Stop-Loss, and Algorithmic Trading.
* Engaged in End-to-End Migration of back-end services and database platform from Oracle DB to Azure Cosmos DB.
* Migrated legacy system to Flask-Marshmallow, improving data serialization speed by 3x
* Experience in developing **smart contracts** and **decentralized applications (DApps)** using **Solidity and Ethereum Java libraries (Web3j)**.
* Optimized database queries using Django ORM, select\_related, prefetch\_related, and database indexing for performance.
* Integrated Gen AI into enterprise Java applications (Spring, Jakarta EE) for smart recommendations.
* Deployed spring-boot micro services using AWS CloudFormation into EC2 containers.
* Strong knowledge of Java-based web service protocols such as HTTP/HTTPS, XML, JSON, and SOAP.
* Created CloudFormation templates and documented the scripts as reference for other services.
* Used S3 buckets for storing the CSV files and used the java AWS SDK to read and parse the data.
* Used AWS dynamo DB for storing config values and utilized as flags to control the code flow.
* Stored the highly sensitive vales like passwords and other secret vales in AWS secret manager and read dynamically using SDK.
* Automated deployment and testing workflows using Python scripts in Java-based environments (e.g., Jenkins, Maven builds).
* Familiar with Node.js streams for handling large datasets efficiently and optimizing memory usage.
* Configured and managed Hazelcast in-memory data grids (IMDG) to enable real-time data processing and low-latency access for high-traffic applications.
* Migrated legacy Java applications to Java 21, adopting modern features like record patterns and sequenced collections to reduce boilerplate code and improve maintainability.
* Conducted research on improving LLM efficiency, including model compression, quantization, and distillation techniques.
* Integrated GraphQL with RESTful services and databases (PostgreSQL, MySQL, MongoDB) for hybrid API solutions.
* Leveraged Kotlin’s lambda expressions, extension functions, and higher-order functions for clean code.
* Developed dynamic and responsive single-page applications (SPAs) using Angular 14, ensuring seamless user experiences across devices and browsers.
* Achieved a good uptime for critical backend services by implementing robust monitoring and alerting systems.
* Implemented web front-end with Bootstrap and AngularJS to improve user experience.
* Implemented JavaBeans in Java 1.1 to create reusable software components for enterprise applications.
* Strong understanding of Java 1.1 features, including inner classes, JavaBeans, and the delegation event model.
* Documented release management for releasing Bitbucket projects into both Test and Production environments.
* Installed and configured Nexus Repository Manager for versioning artifacts of both Spring boot projects and Angular projects.
* Integrated real-time market data feeds (Bloomberg, Polygon.io, Alpha Vantage) and developed WebSocket-based low-latency order routing.
* Configured Flyway plugin into Spring boot projects for versioning DDL scripts for database.
* Designed and Implemented Data Model design for Database objects using MySQL and supported functionalities for existing Oracle database objects.
* Invoked Java JARs from Bash scripts with dynamic arguments for batch job automation.
* Designed RESTful Java services (Spring Boot) to interact with Hadoop clusters for real-time analytics.
* Built and managed real-time data ingestion pipelines for Druid using Kafka, Flink, and Tranquility, ensuring seamless data flow from source to storage.
* Implemented serverless big data solutions (AWS Lambda, Glue, Azure Functions) for cost-efficient processing.
* Utilized Spring annotations and XML configuration for Dependency Injection.
* Involved in implementing logging, exception handling and transaction management.
* Successfully upgraded enterprise applications to Java 21, ensuring compatibility with new features and improving system performance.
* Integrated PostgreSQL, MySQL, or MongoDB with Django for efficient data storage and retrieval.
* Involved in ORM mappings for associations, Inheritance & fetching strategy, performing CRUD operations and managing second level cache using Hibernate.
* Familiarity with **cryptocurrency APIs** (Coinbase, Binance, Blockchain.info) for real-time data integration.
* Optimized Apache Spark (JVM-based) jobs by tuning executor memory, parallelism, and serialization (Kryo).
* Leveraged Angular 14’s new features, such as standalone components, improved performance, and enhanced reactivity, to build modern and efficient web applications.
* Implemented custom Hadoop counters in Java to track job metrics and data quality issues.
* Created and documented POC for Spring boot, Spring Batch for running batch jobs.
* Tested SOAP web services using SOAP UI and REST web services using REST Client (Postman and JMeter for load testing).
* Built a scalable CRM system for traders and brokers, enabling KYC/AML compliance, customer segmentation, and trade lifecycle tracking.
* Developed and deployed scalable RESTful APIs using Node.js and Express.js, handling over 10,000 concurrent users with minimal latency.
* Configured and optimized Druid clusters for high performance, achieving query response times of less than 1 second for billion-row datasets.
* Used Jython or Py4J to bridge Python and Java applications, enabling cross-language functionality.
* Optimized Hazelcast cluster performance by tuning configuration parameters, such as partition count, thread pools, and eviction policies.
* Leveraged Big Data for AI training, improving model accuracy with larger datasets.
* Familiar with authentication and authorization mechanisms like OAuth2, JWT, and Basic Auth for securing Java web services.
* Reduced server costs by 20% by optimizing backend services and implementing efficient resource management.
* Utilized JDBC in Java 1.1 to connect and manage relational databases, ensuring efficient data retrieval and storage.
* Planned, implemented, and managed Splunk for log management and analytics.
* Used Hibernate as ORM tool to map the database tables, and wrote DAOs and POJOs to integrate with Spring boot Framework
* Familiar with Java 1.1's JDBC (Java Database Connectivity) for database integration and management.
* Implemented Inheritance between tables using different hibernate strategies.
* Used Spring Integration to communicate with different web Services.
* Integrated Angular 14 applications with RESTful APIs and GraphQL endpoints, ensuring efficient data fetching and manipulation.
* Reduced runtime crashes using Kotlin’s null safety and designed type-safe DSLs.
* Developed and optimized RESTful APIs and WebSockets for real-time trading dashboards, portfolio analytics, and risk management tools.
* Built RESTful APIs in Python (FastAPI, Flask) and consumed them in Java applications (using HttpClient, Retrofit).
* Responsible to integrate applications for web- based environment-using SOA.
* Implemented asynchronous messaging services using JMS.
* Production Support -- Managing production deployments in terms of software deliveries and overnight activates.
* Used jQuery APIs to implement cross-domain calls and handling JSON responses.
* Designed portfolio risk assessment models, including Value-at-Risk (VaR), margin trading calculations, and automated trade alerts.

**Environment**: Java, J2EE, Spring MVC, Jquery, STS, Spring, SOAP, JQuery, Django, Oracle, WebLogic, Hibernate, HTML, CSS, Junit, Log4j, Maven and SVN.

**Client: Vanguard, Charlotte, NC Feb 2023 to March 2024**

**Role: Java Developer**

**Responsibilities:**

* Working in agile framework as an individual contributor. Responsibilities include - Interaction with Business team, story grooming, reviewing story/acceptance criteria.
* Developed User Interface using HTML5, CSS3, Ajax, JavaScript, Bootstrap, jQuery, NodeJS and Angular5
* Involved in Sprint planning sessions where requirements and release plans are discussed.
* Development of components in Java/J2EE, Spring boot, Restful Web services.
* Used Microservice architecture with Spring Boot-based services interacting through a combination of REST and Apache Kafka message brokers.
* Used Django Channels and WebSockets for real-time features like chat, notifications, and live updates.
* Wrote Bash wrappers for Java applications to handle environment variables, JVM tuning, and logging.
* Integrated third-party APIs (e.g., payment gateways, social media platforms) into Java-based web services for enhanced functionality.
* Seamlessly integrated Kotlin with Java, JavaScript (Kotlin/JS), and native libraries.
* Configured JVM crash logs and heap dumps in Kubernetes for debugging OOM (Out-of-Memory) errors.
* Designed and implemented a microservices architecture using Node.js, Docker, and Kubernetes, improving system scalability and maintainability.
* Deployed serverless Flask APIs on AWS Lambda using Zappa, cutting cloud costs.
* Built conversational AI systems using LLMs for chatbots, virtual assistants, and customer support automation.
* Integrated Angular 14 applications with backend APIs using RxJS and HttpClient, enabling real-time data updates and smooth user interactions.
* Designed and implemented a microservices architecture using Java 21, utilizing structured concurrency (Preview) to manage concurrent tasks effectively.
* Automated CI/CD pipelines using Bash scripts for Jenkins/GitLab, including Java build (Maven/Gradle) and deployment.
* Implemented custom GraphQL scalars, directives, and error handling for better API usability.
* Successfully led a team to deliver a high-traffic backend system, handling over 1 million requests per day.
* Used spring's IOC, Dependency Injection and Spring MVC concepts in developing the application.
* Developed Java Server components using Spring, Spring MVC, Hibernate, Web Services technologies.
* Configured beans in spring configuration file with Spring IOC, Spring Core, Spring AOP and MVC for enhanced modules.
* Used Druid to build real-time monitoring systems for IoT devices, enabling predictive maintenance and anomaly detection.
* Created custom exception handling and logging mechanisms for Java web services to improve debugging and monitoring.
* Improved app performance by migrating from Java to Kotlin and optimizing Coroutines.
* Created a real-time analytics dashboard using Django Channels and WebSockets for live data visualization.
* Used Hibernate in data access layer to access and update information in the database.
* Developed and modified Stored Procedures, Functions, Triggers, Views, Complex MySQL queries.
* Configured and deployed the application using Tomcat Application Server.
* Developed application based on the MVC architecture using Spring MVC to define Dispatcher Servlet, Controller, model, and View Resolver.
* Integrated Hazelcast with Spring Boot applications using Hazelcast Spring Integration, enabling seamless caching and distributed data storage.
* Built a high-performance GraphQL API in Java, reducing over-fetching issues and improving client-side efficiency.
* Used Core Java classes to implement business logic.
* Responsible for installation, configuration, and administration of Red Hat Linux, and Solaris systems.
* Experience with Jumpstart & Kickstart Installations on Solaris & Linux
* Responsible for configuring, integrating, and maintaining all Development, QA, Staging and Production PostgreSQL databases within the organization.
* Built hybrid Java-Bash workflows where Bash scheduled jobs called Java programs for data processing.
* Used Maven to build war and ear files to deploy on JBoss Application Server 7.
* Monitored and fixed the error logs using Log4J, and configured log4j.xml.
* Followed Test Driven Development (TDD) and wrote server-side test cases using JUnit 4.12.
* Implemented agile development process on Software Development Life Cycle.
* Participated in Docker and AWS workshops to gain experience with emerging technologies.
* Actively participated in the daily SCRUM meetings to produce quality deliverables within time.
* Involved in writing the Junit test cases as part of unit testing, used Mocking Frameworks Easy Mock, Power Mock Objects and Spring Datasets in TDD approach.
* Connected Angular 16 applications to real-time data sources using WebSocket and SignalR, enabling live updates and notifications.
* Configured Linux cron jobs with Bash to trigger Java batch jobs during off-peak hours.
* Developed standalone applications using Java 1.0, leveraging core libraries and AWT for GUI development.
* Automated JVM monitoring with Prometheus + Grafana (tracking GC cycles, heap usage, thread states).
* Maintained quality of the development using SonarQube, Fortify Software Security Center, Nexus IQ Server.
* Used Maven to build the application and deploy on Tomcat server 8.
* Used Log4j along with Splunk for logging error/debug messages and managing them.

**Environment**: Java, J2EE, JavaScript, Spring boot, Spring MVC, Hibernate, NodeJS, HTML, CSS, Bootstrap, JSON, Restful API, RESTful Web services, PL/SQL, MySQL, Cassandra, Django, Eclipse IDE, Tomcat Server, JUnit, Log4j, Splunk, Maven, JIRA, Windows, Bitbucket, Nexus Repository, Kafka, Postman, Swagger, Confluence.

**Client: State of Colorado (Colorado Department of Public Health and Environment) Aug 2021 to Jan 2023.**

**Role: Java Developer**

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Implemented batch system for the execution of different components using task executor in Multithread process, Retry on batch etc.
* Publishing and consuming the data to TIBCO queue and topic using ESB MQ series messaging Api’s.
* Used JAXB API to bind XML schema to java classes
* Implemented LLM-powered solutions for document summarization, content generation, and knowledge management.
* Developed components using Spring Framework (Spring MVC, Core, dependency injection, Bean, spring security, and Spring AOP, Spring Boot, Aspects, Dependency Injection).
* Used Spring Core Annotations for Dependency Injection and used Apache Camel to integrate spring framework.
* Involved in ORM mappings for associations, Inheritance & fetching strategy, performing CRUD operations and managing second level cache using Hibernate.
* Implemented WSO2 ESB java-based enterprise bus and Integration platform to connect applications quickly and easily which enables them to exchange the data through JMS
* Developed the shell script to execute different jobs at regular interval using Autosys.
* Developed REST Webservices to facilitate communication between client and servers using JSON data format.
* Created Unix shell scripts to monitor the jobs.
* Configured Hazel cast clusters for high availability and fault tolerance, ensuring zero downtime during node failures.
* Designed and deployed LLM-based recommendation systems for personalized user experiences.
* Created XML schema definition file XSD for the message which needs to be published to topic.
* Prepared unit test cases and developed the Junit test cases using Mockito and Power Mockito.
* Used various Java, J2EE design patterns like Factory, Singleton, Reflection, MVC, etc.

**Environment**: Agile, Java, EJB, TIBCO, Hibernate, JPA, SQL, Junit, Unix, EJB, JMS, JDBC, Ant, Maven, JavaScript, GIT, Tomcat, Jenkins, Agile Scrum, Mockito, JAXB, Tomcat, Spring Framework, REST Web Service, Autosys, Eclipse.

**Client: MetLife, New York, NY. Aug 2018 to Jul 2021.**

**Role: Java Developer**

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Implemented batch system for the execution of different components using task executor in Multithread process, Retry on batch etc.
* Publishing and consuming the data to TIBCO queue and topic using ESB MQ series messaging Api’s.
* Used JAXB API to bind XML schema to java classes
* Developed components using Spring Framework (Spring MVC, Core, dependency injection, Bean, spring security, and Spring AOP, Spring Boot, Aspects, Dependency Injection).
* Used Spring Core Annotations for Dependency Injection and used Apache Camel to integrate spring framework.
* Involved in ORM mappings for associations, Inheritance & fetching strategy, performing CRUD operations and managing second level cache using Hibernate.
* Implemented WSO2 ESB java-based enterprise bus and Integration platform to connect applications quickly and easily which enables them to exchange the data through JMS
* Developed the shell script to execute different jobs at regular interval using Autosys.
* Developed REST Web Services to facilitate communication between client and servers using JSON data format.
* Created Unix shell scripts to monitor the jobs.
* Created XML schema definition file XSD for the message which needs to be published to topic.
* Prepared unit test cases and developed the Junit test cases using Mockito and Power Mockito.
* Used various Java, J2EE design patterns like Factory, Singleton, Reflection, MVC, etc.

**Environment**: Agile, Java, EJB, TIBCO, Hibernate, JPA, SQL, Junit, Unix, EJB, JMS, JDBC, Ant, Maven, JavaScript, GIT, Tomcat, Jenkins, Agile Scrum, Mockito, JAXB, Tomcat, Spring Framework, REST Web Service, Autosys, Eclipse.

**Client: GGK Technologies, Hyderabad, India. Sept 2015 to Aug 2017**

**Role: Java Developer**

**Responsibilities:**

* Involved in analysis, design and development and testing phases of the application development (SDLC) using Agile Scrum methodology.
* Developed Single page application and structured the JavaScript code using AngularJS and Node JS.
* Performed User Interface Design and coding using Java, Spring framework and web technologies.
* Developed the applications using JSP, Struts and implemented MVC Architecture.
* Implemented business tier using Spring IOC, AOP and MVC.
* Utilized Spring annotations and XML configuration for Dependency Injection.
* Designed dynamic and multi-browser compatible pages using HTML, CSS, JQuery, JavaScript and AngularJS.
* Involved in implementing logging, exception handling and transaction management using spring AOP.
* Developed, and debugged the servlets and EJB with Web Sphere Application server.
* Used JAX-B to call web services described by WSDL.
* Tested SOAP web services using SOAP UI and REST web services using REST Client.
* Implemented Model/business components using spring core and navigation part of the application using spring MVC.
* Implemented Transaction management using Spring declarative transaction management.
* Used Hibernate as ORM tool to map the database tables, and wrote DAOs and POJOs to integrate with Spring Framework
* Used Spring ORM module to integrate spring with hibernates to use DAO layers.
* Implemented Inheritance between tables using different hibernate strategies.
* Good knowledge on Amazon Web Services (AWS), Amazon Cloud Services like Elastic Compute Cloud (EC2),
* Simple Storage Service(S3), Amazon Simple DB, Amazon Cloud Watch, SNS, SQS, LAMBDA and experienced
* Implemented logging using Apache log4j.
* Experience with stress testing/load testing using JMeter.
* Developed the application using agile methodology and followed TDD, Scrum.
* Deployed the applications in Linux servers using deployment scripts.

**Environment:** Core Java, Spring, Amazon Web Services, AWS SDK, h2o.ai, Spark, Spark MLlib, Dari, Hibernate, MySQL, PostgreSQL, XML, JSON, Jackson, node.js, node-cron, Spring Boot, JUnit, Mockito, Apache Tomcat, Maven.

**Client: HSBC, Hyderabad, India. Jul 2013 to Aug 2015**

**Role: Java Developer**

**Responsibilities:**

* Participated in the Requirements collection and analysis from the business team.
* Developed applications using Java, J2EE, Spring, JSP and Servlet.
* Implemented the MVC architecture using Spring Framework.
* Develop and test new features, incremental changes, and bug fixes to a production-ready state using agile development Processes.
* Implemented Action Classes and Server-side validations for account activity, payment history and Transactions.
* Implemented session beans to handle business logic for fund transfer, loan, credit card and fixed deposit modules.
* Worked on the JAVA Collections API for handling the data objects between the business layers and the front end.
* Implemented the web services client to consume the third-party service API for validating credit cards.
* Used JavaScript for reliable and asynchronous exchange of important information such as payment status report.
* Implemented MVC architecture and developed form classes, action classes for the entire application using Struts Framework.
* Involved with the team developing the UI components using JSP, HTML, CSS, JavaScript, jQuery, Bootstrap.
* Developed web application using Struts Framework.
* Developed application using Core Java concepts and maintained concurrency with Multithreading.
* Bug fixing, maintenance of the product and ensuring smooth delivery of project.
* Used MySQL as backend Database.
* Use Eclipse and Tomcat web server for developing & deploying the applications.
* Used Struts Validation framework for Client-side validations and Server-side validations.
* Extensive exposure in Analysis, Design, Development and Implementation of large-scale, secure and Internet/Intranet applications using javaJ2EE technologies.
* Implemented Singleton, Service Locator design patterns in MVC framework and developed command, delegate, model action script classes to interact with the backend.
* Designed database Tables, View, Index's and create triggers for optimized data access.
* Developed Unit test cases using JUnit.

**Environment**: J2EE, Java, Spring, JavaScript, JSP, PL/SQL, XML, XSLT, Tomcat, Log4J, Junit, REST, Hibernate, Eclipse.

**ACADAMIC DETAILS**

* Bachelors in CS from GITAM University (2013)