**SRUTHI REDDY**

**+1 (940)-222-5994 |thummalasruthi6@gmail.com****|** [**https://www.linkedin.com/in/sruthi1025/**](https://www.linkedin.com/in/sruthi1025/)

# PROFESSIONAL SUMMARY:

* Agile Full Stack Software Developer with **around 10 years** of strong experience in Microservice, SOA architecture and Cloud Native application design, development, testing and deployment of web - based and Enterprise Client-Server business applications using OOP, Java/J2EEtechnologies.
* Expertise in the implementation of Core Java SE 8 concepts like Streams API, Lambda functions and Generics.
* Strong experience in Spring (Spring4.x) Framework modules such as Spring MVC, Spring IOC, AOP and Spring JDBC, Spring Data, Spring REST, Spring JTA, Spring IO, Spring Security, Spring Boot with Thyme leaf template.
* Extensive experience in developing scalable, reliable, efficient web and enterprise applications using frameworks like JSP, JSTL, JDNI,JDBC, JEE security, JAXB, JAXP, DOM, SAX, EJB, RMI, Java Persistence API, JNDI, JMS, Struts, JSF (Prime Faces) and Spring Community framework projects.
* Experience understanding & using NoSQL databases like Mongo DB, Casmos DB, Apache Cassandra, DynamoDB, Couch DB and Redis.
* Good knowledge on working with Relational database ORM frameworks like Hibernate, Hibernate Query Language (HQL), JPA, SpringData, and NoSQL ORM frameworks like Mongoose connector, Cassandra Node Driver.
* Expertise in developing SOA (Service Oriented Architecture) and Microservices architecture using J2EE Web Services based on Restful (JAX-RS), SOAP (JAX-WS), JAX-RPC and JAXR (Java API for XML Registries) using frameworks like Apache CXF, Jersey, Axis and Spring4.x framework, NodeJS (Express JS & Hapi JS).
* Experience developing SOAP services such as WSDL, JAX-WS, AXIS, SOAP, WS-security, CXF and RESTful services (REST API’s) such as CXF, JERSEY and JAX-RS.
* Developed a robust web application using NodeJS as the primary backend framework.
* Utilized NodeJS and the Express.js framework to build a scalable and efficient microservices architecture, enabling modular development and deployment of various components.
* Implemented server-side rendering (SSR) using frameworks like Next.js or Nuxt.js, improving the initial page load time and enhancing search engine optimization (SEO).
* Implemented real-time features using Web Sockets or MQTT (Message Queuing Telemetry Transport) with NodeJS, enabling instant updates and communication between clients and servers.
* Utilized NodeJS to implement automated testing frameworks like Mocha, Chai for unit and integration testing, ensuring code quality and reliability.
* Designed and constructed various components, templates, dialogs, and workflows within the AEM architecture, utilizing technologies like Sling, Spring boot, CRX, OSGi, and JCR.
* Leveraged previous experience in CQ5 implementations to derive meaningful client insights, offering valuable expertise that improved project outcomes.
* Participated in different phases of Software development lifecycle (SDLC) methodologies like Agile and Waterfall.
* Has experience working with CASE tools such as RationalRose.
* Expertise designing projects utilizing ER diagrams.
* Actively participated in the design, development, and implementation of software solutions, working with web content management (WCM) and/or eCommerce platforms such as Adobe AEM (CQ), SDL Tridion, Sitecore, Fatwire, CrownPeak, hybris, RDBMS route/ATGDemandware, Intershop, and IBM WebSphere Commerce.
* Successfully integrated and adapted SDL Tridion to match project-specific needs, optimizing content delivery and improving overallwebsite speed.
* Worked on several versions of SDL Tridion, demonstrating flexibility by demonstrating a strong grasp of the platform's changing functionality and fast responding to changes and upgrades.
* Solid experience in using the Spring AOP facets Transactional Management, Logging, Security and Authentication.
* Implemented Kafka producers and consumers using the Java client library.
* Managed Kafka topics for efficient data division and replication.
* Integrated Kafka with real-time data processing platforms like Apache Storm or Apache Spark Streaming.
* Developed data ingestion pipelines using Kafka Connect for connecting to external data sources and sinks.
* Built real-time stream processing applications with Kafka Streams for data transformations and aggregations.
* Deployed fault-tolerant and scalable Kafka clusters with optimized settings for high availability and performance.
* Collaborated with ZooKeeper for managing Kafka cluster information, leader election, and coordination.
* Created custom Kafka connectors for interacting with databases, message queues, and cloud platforms.
* Conducted performance tuning and optimization for Kafka deployments to ensure data processing and low latency.
* Better understanding of implementation using Spring Cloud - Netflix OSS stack for microservices deployment and auto configurations like Eureka (Service Discovery Server), Ribbon (Dynamic Routing and Load Balancer), Hystrix (Circuit Breaker), Zuul (Edge proxy) and Monitoring and centralized log analyses (ELK).
* Experience with WebSocket communication, WebSocket libraries/frameworks, Error handling and fallback techniques.
* Experience in integration tools like Spring Integration, Mule ESB, Apache CXF, Angular js, Apache Kafka and Apache Camel to integrate the enterprise application technologies with existing JVM environment.
* Possess expertise in designing and developing highly interactive UI using HTML5, CSS3(Less, Sass) frameworks, JavaScript, TypeScript, Angular, React, jQuery, Ember.js, Backbone.js, Ext.js.
* Designed and Developed Angular 2.0/4.0 Components (ngModules), Services (observable/promises), Directive and Pipes.
* Experience in developing the rendering view React JS components, forms, events, routers and Redux asynchronous functions and implemented React - Flux pattern for core dependency.
* Developed Multiple POC’s to create interface between backend to frontend using GraphQL, MongoDB, Express.js, NodeJS.
* Experience in working with JavaScript frameworks build tools like Babel, Angular JS, Grunt, Gulp, Web pack and Bower.
* Strong experience in unit testing tools of JavaScript Frameworks like Karma, Spring boot, Jasmine and Protractor for Angular, Mocha and Chai for React JS.
* Java Extension Toolkit (JET) was used effectively to create and configure code generation templates, allowing for the speedy and consistent production of complicated code structures.
* JET's flexibility was used to speed development processes and improve code quality in the project.
* JET's sophisticated templating features were effectively used to automate the production of repeated code patterns, decreasing development time and resulting in the project's productivity growth and improving code maintainability.
* Collaborated with cross-functional teams in creating JET templates adapted to unique project needs, promoting code consistency and uniformity across several modules. JET's easy integration into the development cycle enhanced team cooperation and code quality.
* Experience in writing SQL queries in PL/SQL, Oracle, DB2, Triggers, and Stored Procedures in Relational Database management systems like Oracle, MS SQL, Azure, Angular Js, MySQL and DB2 using Hibernate framework utilizing spring ORM during the interaction with RDMS.
* Knowledge of PostgreSQL database design, implementation, and optimization for effective data storage and retrieval.
* Optimized PostgreSQL database performance through query optimization, index management, and system setup, resulting in shorter response times and increased overall system efficiency.
* Expertise in establishing and administering Nexus artifact repositories, allowing for the seamless storage, version control, and distribution of software components across development teams.
* Skilled in integrating Nexus with CI/CD pipelines to automate build and deployment processes, streamline software development workflows, and ensure dependable and consistent releases.
* Extensive experience in designing MongoDB multi-shared cluster and monitoring with MMS.
* Expertise in XML technologies such as XSL, XSLT, XML schemas, XPath and parsers like SAX/DOM.
* Experience with Application Servers like IBM WebSphere, Oracle/BEA WebLogic, Azure, JBoss and Apache Tomcat.
* Experience implementing Java Messaging Service tools like Rabbit MQ, Spring Boot, Active MQ, React js, Kafka, IBM MQ.
* Installed Kafka manager for consumer lags and monitoring Kafka Metrics, used for adding topics, Partitions.
* Building real-time dashboard applications for visualization and analytics on Apache Web servers using Elastic Search, Logstash andKibana 4.0 (ELK), D3.JS, Python, Grafana, Splunk, Graphite.
* Good Knowledge in dynamic documentation of RESTful end points using Swagger API.
* Used Web Sphere Application Server, Web Logic Application Server, Nginx proxy webserver, JBoss and Apache Tomcat in all my projects and successfully deployed and compiled many of the applications on them.
* Good knowledge in employing the cache techniques using Redis, Hibernate EH Cache, MongoDB Elastic search.
* Hands on experience in implementation of Pivotal Cloud Foundry (PCF) services such as Pivotal Application Service, Pivotal Container Service and Pivotal Functional Service.
* Experience in using various Amazon Web Services (AWS) like EC2 for virtual servers, SQS, React Js, SNs, Cloud Fond and Redshift, S3and Glacier for storing objects, Elastic Beanstalk, Spring Boot, Route53, Elastic Cache and simple DB, Dynamo DB for Elastic load balancing, storing data.
* Experience in deploying the microservices using Docker container and ability to setup continuous integration and deployment pipeline using Jenkins with GitHub on AWS or any Cloud Service.
* Extensive experience in building continuous integration and continuous deployment using Jenkins, Bamboo, Travis and AWS CodePipeline with any cloud repository.
* Proven ability to build, deploy, and manage scalable and secure cloud-based solutions using AWS services such as EC2, S3, RDS,Lambda, and CloudFormation.
* Implemented strong data storage and retrieval solutions that ensured data integrity, scalability, and high-performance using AWS S3and DynamoDB.
* AWS security best practices, such as identity and access management (IAM), security groups, encryption, and network security settings, were implemented.
* Utilized a wide range of AWS services like SNS, SQS, WAF, Spring Boot, ELB, REST API, VPC, CloudFront, Secret Manager, CloudTrail, Load Balancers, and Route 53 to architect, develop, and deploy scalable and secure cloud solutions in a project environment.
* Used Jira's customization capabilities to workflows, issue types, project boards to specific project needs & team preferences.
* Vast expertise in crafting Single Page Applications by leveraging AngularJS for application implementation.
* Building modules, controllers, route providers, factory services as well as developing customizable filters and directives.
* Hands-on experience in developing hybrid mobile applications using the Ionic framework and Apache Cordova.
* Proficiently worked with Jakarta Apache frameworks, including Struts, ANT, Maven, commons-logging, log4j, and JUnit.
* Effectively planned, managed, and prioritized project activities and user stories using Jira and service Now, resulting in efficient project execution and on-time delivery.
* Agile techniques and Scrum boards were effectively used inside Jira to drive team engagement, sprint planning, and backlog management, resulting in greater productivity and project success.
* Used Orchestration container Kubernetes for load balancing and to schedule the tasks across the computer cluster and load balancers for backend API services.
* Hands on experience with build tools like ANT, Python, Maven, Gradle and logging tools like Log4J.
* Expertise in unit-testing with tools like JUnit, Mockito, Spock, TestNg and Integration testing tools like Selenium Web Driver, Cucumber (Behaviour Driven Development testing).
* Experience in Spring Security Framework for User Access Management, JWT token-based authentication and involved OAuth 2.0configuration for authentication, authorization.
* Experience in Agile Software Development process, Test Driven Development (TDD) and Scrum methodologies.
* Good Experience in software configuration management using SVN, Spring Boot, Clear Case, Bitbucket, GitLab and Git.
* Worked on Drools to provide Business Rules Management System (BRMS) providing a core Business Rules Engine.
* Proficient in applying design patterns like MVC, Object Orient Design, Singleton, Factory, Session Facade, Business Delegate, ServiceLocator, Visitor, Observer, Decorator, Front Controller, DTO, Data Access Object (DAO).
* Expertise in L2 (Level 2) support, troubleshooting software and hardware issues, successfully diagnosing and resolving technical issues within established SLAs is required.
* Working collaboratively with (L1) Level 1 support to escalate & prioritize issues to ensure efficient and timely resolution.
* Strong Analytical and programming skills in using technology to develop effective complex business solutions.

# PROFESSIONAL EXPERIENCE:

1. **Walmart (Sep 2022 to till date)**

**Java Full Stack Developer Responsibilities:**

* The application is developed on Micro Service Oriented Architecture using Spring Boot and Angular 4.0, React JS, Mongo DB and MySQL to integrate and communicate with the already existing applications.
* Designing and implementing the User Interface using Angular 4.0, HTML, Angular7/8/9 , CSS/CSS3, SASS and Bootstrap for responsive design for the exposed enterprise application.
* Developed a robust web application using NodeJS as the primary backend framework.
* Created an intuitive user interface for an inventory management system using NodeJS frameworks like React or Angular.
* Designed and built real time inventory management system using NodeJS for efficient tracking, monitoring of stock levels.
* Integrated barcode scanning functionality using NodeJS libraries (e.g., QuaggaJS) to enable quick accurate inventory tracking.
* Implemented automated email or push notification alerts using NodeJS and third-party services (e.g., SendGrid) to notify stakeholders of low stock levels.
* Implemented role-based access control (RBAC) using NodeJS frameworks to manage user permissions and restrict access to sensitive inventory data.
* Applied data validation and sanitization techniques using NodeJS libraries to ensure the integrity and accuracy of inventory-related inputs.
* Utilized NodeJS to implement automated testing frameworks like Mocha, Chai for unit and integration testing, ensuring code quality and reliability.
* Designed Prototype and project layout skeletons using React with Redux library, Angular 7/8/9, Azure, jQuery UI and CSS/Less and HTML5 for internal administrative application services.
* Worked with React JS to build Bootstrap components for responsive UI Objects and linked with API data to view render the virtual DOM dynamically.
* Implemented Redux Store and React State for server-side rendering and refactoring Reducer logic using functional decomposition and Reducer Composition.
* Elegantly used React-Router techniques Axios service to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way.
* Implemented GraphQL server using Relay framework that allows us to query the multiple RESTful API backends asynchronously without having to write promise logic that avoids cumbersome callbacks.
* Developed numbers of Typescripts (ES6) objects including Components, ng Modules, Providers, NgRX, Services, Interfaces and classes utilizing arrow function and optional types.
* Developed lazy loading route with separate modules and child routes including data transfer with Resolve, Route Data and Route Parameter and implemented Rout Grad mechanism using can-activate, can-deactivate, can-load-child etc.
* Used various jQuery and Bootstrap plug-in like date picker, Angular, Bootstrap selectors for responsive designing in usage of different devices.
* Incorporated JET templates to automate the security controls directly into the application codebase to implement secure code generation practices, assuring a greater degree of security and compliance throughout the project.
* Worked closely with the security team to create customized JET templates for security testing and reporting, strengthening the application's resistance against possible attacks.
* JET was used to implement safe and efficient user authentication and authorization processes, delivering robust data security and smooth user access management.
* The use of JET's extensibility permitted the inclusion of industry-standard security protocols, improving the overall security posture of the project.
* Created custom JET templates for security-related components such as encryption modules and secure communication protocols to strengthen the application against potential threats.
* Implemented associated business modules integration using Spring Boot, Spring MongoDB, NgRX, Azure, Spring Data JPA.
* Used Spring Dependency Injection, annotations and Spring MVC components to implement business layer and navigation part of application.
* Developed several RESTful API web services which produces both XML and JSON to perform tasks, leveraged by both web and mobile applications.
* Documented the REST API’s using Swagger2 API for briefing the services involved in the application.
* Used Redis for caching and Elastic Search which resulted in enhanced performance of the application.
* Implemented Rabbit MQ Services for reliable asynchronous exchange of information such as payment status report.
* Installed Kafka manager for consumer logs and for monitoring Kafka Metrics also this has been used for adding topics, Partitions to build real-time analytics purpose.
* Developed data transformer for converting legacy data from Source tables to Avro format and fed into Kafka using Camel to process the file for multiple routes to different host locations.
* Implemented Spring Netflix Zuul API gateway, Eureka service registry for reverse proxy Dynamic service discovery of API’s.
* Implemented Spring Security OAuth 2.0 and OIDC Token mechanism for authentication and authorizing for social websites logins using Spring Social module.
* Deployed the Docker image of services building Docker file and build a continuous delivery pipeline for containers using AWS CodePipeline and Amazon ECS.
* AWS Infrastructure as code (IaC) was successfully developed and maintained using AWS CloudFormation, enabling consistent and repeatable deployments across environments.
* Designed and executed highly available and fault-tolerant systems, utilizing services such as AWS Auto Scaling, Elastic Load Balancing, and Multi-AZ deployments.
* Built a robust and scalable messaging system using AWS SNS and SQS, that allows for efficient communication and decoupling of components in a distributed architecture. This increased system stability, fault tolerance, and scalability to handle large quantities of communications.
* Designed and executed a highly available and secure architecture using AWS technologies like as ELB, NgRX, VPC, and Route 53. This comprised inbound traffic load balancing, building a secure network environment, and controlling DNS routing, resulting in increased application performance, high availability, and higher security posture.
* AWS Lambda, API Gateway, and ecs other serverless technologies were used to create serverless apps, maximizing resource use and lowering expenses.
* Developed Unit test cases using Junit, Cucumber for Spring, Protractor for Angular, Mocha and Chai for React.

**Environment:** Java SE8/J2EE, Spring 5.x, AWS SNS/SQS, hibernate 5.x, SOAP/RESTful, GraphQL, ES6 JavaScript, TypeScript, Relay, HTML5,CSS3, Sass, Cloud Foundry, OAuth 2, Linux, JMS, MongoDB, MySQL, Bootstrap v4.0, Angular 4.0, Redis, Elastic Search, React with Redux, AJAX, jQuery, Junit4, Maven 3.0, Babel, cucumber, Protractor, Git.

1. **Caterpillar, Alpharetta, GA (Feb 2021 to Aug 2022)**

**MEAN Stack Application Developer Responsibilities:**

* Developed the web application based on the NodeJS Microservices architecture using Express, Angular and MongoDB.
* Developed HTML views with HTML5, CSS3/Sass, Python, Angular7/8/9, Twitter Bootstrap 4.0 and Angular JS.
* Developed custom Directives in Angular JS to make reusable components, custom views using Bootstrap components and involved in configuring routing for various modules in the application.
* Implemented Angular JS observables and listeners (RxJS reactive libraries) to simplify the making asynchronous calls to backend REST API’s.
* Simplified the Angular forms mechanism using @NgRx/store and @NgRx/effects for better storing and state of the data while navigating between the forms in application.
* Employed the ES6 Generators for managing the concurrency in Angular Components in the application.
* Integrated user facing Angular Components with server side using RESTful webservices.
* Developed REST API services using NodeJS, Angular8/9/10, Express.JS, Body-Parse to serve the web application with JSON data.
* Developed NodeJS Readable and Writable streams to process the data from the external source of the application.
* Optimized cleaning up of session level Data Structures shared across different open tabs, when data is flushed from one of the tabs. Followed mark and sweep algorithm, to clean up tab level data upon next HTTP interaction.
* Configured mongo-connector to create a pipeline from the MongoDB cluster to keep synchronize with the multiple sources like Elastic Search or another MongoDB cluster.
* Developed searchable component with Elastic Search to provide search for an improvised customer experience.
* Implemented Pub-Sub functionality using Redis as our service registry that allows for services to subscribe to a specific channel ofRedis Client instance.
* Installed a single node Elasticsearch "cluster" to index MongoDB for use in a NodeJS, Express on a naïve AWS EC2 Ubuntu 14.04instances.
* Utilized Redis as a primary cache to store our frequent accessing state objects from the MongoDB to improvise the efficiency of data accessing.
* Bundled the application through webpack and used Gulp for task automation of minification of Angular scripts.
* Designed, built, and deployed a multitude application utilizing almost all the AWS stack (Including EC2, MongoDB, Docker, Kubernetes Orchestration container (EKS) focusing on high-availability, fault tolerance, and auto-scaling.
* Utilizing JET's ability to optimize front end code generation, able to improve application speed and user experience.
* JET template installation led to quicker page load times and smoother interactions, enhancing customer satisfaction.
* Led the project's deployment of JET as a code generation solution, providing seminars and training sessions to educate the development team on JET's capabilities. As a consequence, the team adopted JET as a strong tool, shortening development cycles and cultivating a culture of code reusability and modularity.
* Collaborated with cross-functional teams to develop and execute AWS infrastructures that meet business needs while maintaining scalability, stability, and performance.
* Utilized AWS cost management tools to optimize cost efficiency by evaluating consumption trends and adopting resource right-sizing and cost optimization tactics.
* Effectively used full portfolio of AWS services such as ECS, EC2, S3, NgRX, Lambda, API Gateway, CloudWatch, CloudFormation, DynamoDB to build, implement, and manage highly scalable and robust cloud-based solutions.
* AWS security best practices, such as identity and access management (IAM), security groups, encryption, and network security settings, were implemented.
* AWS Step Functions were used to orchestrate and automate complicated workflows, enabling for the simplified and efficient execution of business activities.
* Used Source Tree for Git (Subversion tool) and Jenkins, Docker for building the CI/CD pipeline.
* Implemented Kibana for centralized logging and monitoring that builds on Elastic search of the application data for analytics and visualization of the user’s login.
* Employed the Single Sign On (SSO) authentication using CA Site Minder for logging to the application from different cross network websites.
* Written unit test scripts using Karma and Jasmine for Angular JS framework and Mocha for NodeJS API end points.
* Exceptional Level 2 (L2) technical support to customers, resolving complex issues and ensuring customer satisfaction.
* Identified trends and patterns in customer concerns and provided input to product development and quality assurance teams to encourage product improvement.

**Environment:** HTML, CSS, Bootstrap, JavaScript, jQuery, Angular JS, NodeJS, Express.JS, MongoDB, GIT, Jenkins. AWS Services, Elastic Cloud Compute (EC2), Gulp, Jasmine, Karma, Redis 3.0, Gulp, Webpack, Kubernetes, SSO Authentication, CA Site Minder, Jenkins, Docker, Elastic Search.

1. **OMES, Dallas, TX (Sep 2019 to Jan 2021)**

**Full Stack Developer Responsibilities:**

* Developed Service Oriented Architecture application using Mongo DB, Spring MVC AngularJS as an User Interface view.
* Developed the next generation web interface for end users using AngularJS, which has migrated from existing Backbone.js application.
* Created two way binding Angular JS components and provide access to the server-side through Backbone’s API from Backbone.Model and Back bone. Collection.
* Built Web pages those are more user-interactive using jQuery plugins for Drag and Drop, jq Validator, AutoComplete NgRX, AJAX, React js,JSON, Angular JS.
* Developed RESTful services that are reusable and interoperable, based on Spring RESTful Services Jersey framework.
* Developed business components using core Java concepts like Collections, Serialization and Java Threads (Concurrency/Multithreading) etc.
* Played a pivotal role in integrating MongoDB into the project's tech stack, harnessing the power of NoSQL databases for efficient data storage and retrieval.
* Configured, optimized and supported high availability (Replication) MongoDB cluster.
* Optimized MongoDB CRUD Operations.
* Implemented Internationalization using Spring MVC Interceptors, React js, Spring core modules and native Spring AOP facets of Logging and transactional management.
* Build the services utilizing the Pivotal Cloud Foundry (PCF) as a platform as a service for RESTful services.
* Provided installation, configuration & maintenance of pre-prod and production Cloud environments including services such as Tomcat, wche, Angular js, Jetty, MySQL, and JIRA.
* Proficiently utilized industry-leading project management tools, including Jira and ServiceNow, to streamline workflows, track project progress, and facilitate efficient collaboration across teams, ensuring seamless delivery of projects and optimizing overall operational efficiency.
* Developed POJO objects and used Hibernate as the Object-Relational Mapping (ORM) tool to access the persistent data from SQLServer.
* Configured multiple data source using Hibernate Session Manager to provide independent database connectivity.
* Implemented Hibernate EH Cache technique for the critical objects in the application.
* Did load testing of SOAP Web Services using SOAP UI and Apache JMeter tools.
* Developed a GUI to help to read the logs generated by the scripts, which was created using D3.JS, jQuery table sorter.
* Designed and implemented various UI features using Backbone JS, React Js, performed routing using Backbone Router
* Used Spring Validation framework to implement the server-side validations and used jQuery calls to get the data from the server asynchronously by using JSON objects.
* Used JMS (Java Mailing Service) API to setup mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Stored the external stream of data into Apache Cassandra for building real time analytics dashboard using Google Charts API with Angular JS components.
* Develop Spring Batch processes for financial reporting applications and modules using Perl and Korn shell scripts on RDBMS Oracle database, with partitions and sub-partitions.
* Implemented Quartz jobs for running the batch jobs based on the cron triggers configured in the Springboot files.
* Implemented validation rules using JBoss BRMS (Business Rule Management System), a version of Drools.
* Developed Test classes using JUnit and Easy Mock and test coverage using EMMA plug-in.
* Deployed the services using Docker container to host in AWS and utilized AWS platform to upload data into S3 buckets, EC2instances.
* Build a CI/CD pipeline using Jenkins automation and GitHub repositories using web hooks plugin.

**Environment:** Java/J2EE, UNIX, JBoss 3.0, Spring core, MongoDB, JMeter, Cassandra, Hibernate, Jetty, Core java, Perl, Spring MVC, Hibernate, SOAP/RESTful Web services, FileNet, Ajax, XML, AWS, jQuery, Jersey, AngularJS 1.x, HTML, CSS, SaaS, Google Charts API, Git, Maven, Jenkins, Drools (BRE), AWS, Pivotal Cloud Foundry (PCF).

1. **Fujitsu (June 2017 to Aug 2019)**

**Java Developer Responsibilities:**

* Implemented Model View Controller (MVC-2) architecture and developed Form classes, Action Classes for the entire application using Spring Framework.
* Developed Data layer using Hibernate framework, configured XML mapping files, wrote POJO classes and MongoDB PL/SQL stored procedures.
* Configured Dispatcher Servlet and View Resolver to intercept incoming requests, manage Spring MVC flow and invoke view components with the help of Dispatcher Servlet.
* Used Spring AOP terminologies to handle transaction management and logging aspects.
* Used Multithreading concept to load data from files to tables, transforms files from one format to other. Make multiple service calls in individual threads safety for a request using Multithreading concept
* Utilized MongoDB to design and optimize data models, ensuring seamless handling of complex datasets and contributing to enhanced application performance.
* Implemented MongoDB's sharing and clustering features to bolster our project's scalability, enabling it to effortlessly adapt to increasing data volumes and evolving business needs.
* Developed front-end using HTML, CSS, JavaScript and jQuery.
* Performed client-side validations using JavaScript and jQuery Framework.
* Implemented data persistence functionality of application using Hibernate to persist java objects to the relational database.
* Used Hibernate Annotations to reduce time at the configuration level and accessed Annotated bean from Hibernate DAO layer. Designed and developed SOA implementation by integrating the Spring MVC application managed beans with JSF - Prime Facesview for building the application.
* Build web application using JSF Prime Faces by assembling reusable UI components in a page and wiring the client generated events to server-side event handlers.
* Developed reusable components using JSF Prime Faces through XML file view templates.
* Injected the JSF Managed beans using Spring-managed beans by extending the Spring Bean Auto Wiring support to achieve the Dependency Injection.
* Used Spring Bean Faces Resolver i.e., Spring Resolver to integrate the Spring MVC application with the JSF pages.
* Created and consumed RESTful based Web services and used SOAPUI to test for send and receive XML data and worked with JMSQueues for sending messages in point-to-point mode communication.
* Created Managed Beans for handling JSF pages and include logic for processing of the data on the page.
* Created single pace application using Angular directives and components
* Used Spring JPA to perform the CRUD operations and persist the data to the database.
* Developed the code for asynchronous update to web page using JavaScript and Ajax.
* Transformed, Navigated and Formatted XML documents using XSL, XSLT pre-processors.
* Implemented Spring Security for posing security constraints on JSF UI page views.
* Scheduled Spring Batch jobs to convert the payment files sourced form external application into CSV files, Quartz scheduler.
* Deployed the Spring web services in AWS cloud using Docker containers utilizing the Docker Swarm cluster.
* Used JMS for asynchronous exchange of message by applications on different platforms.
* Leveraged MongoDB's aggregation framework to empower real-time analytics and reporting capabilities, providing critical insights to project stakeholders for data-driven decision-making.
* Developed the view components using JSP, HTML, Angular, Struts Logic tags and Struts tag libraries.
* Involved in testing the SOAP web services end points using SOAP UI tool.
* Used JUnit Testing Framework for performing Unit testing.
* Deployed application in WebSphere Application Server and developed using Rational Application Developer (RAD).

**Environment:** Struts 2.0, Hibernate 3.0, JSP, RAD, JMS, CVS, JavaScript, XSL, XSLT, Servlets 2.5, MongoDB, WebSphere Application Server, Oracle 11g.

1. **Schnucks (June 2015 to May 2017)**

**Java Developer Responsibilities:**

* The application is developed based on Model View Controller (MVC) architecture and developed Form and Action Classes for the entire application using EJB and Struts Framework.
* Prepared EJB deployment descriptors using XML and Used JAXB components for transferring the objects between the application and the database.
* Dynamics from generation auto completion of forms and user-validation functionalities using jQuery.
* Configured Struts-config.xml, Tiles-def.xml and properties file provided by Struts Framework for the implemented modules.
* Implemented connectivity to databases using JDBC from servlets and JSP through Enterprise Java Beans (EJB).
* Developed Web pages using JSP and used Struts Validation framework for form input validations.
* Build PL/SQL functions, stored procedures, views with JDBC data source with connection pooling enabled.
* Worked on the JavaScript Library that simplifies HTML document traversing, and event handling.
* Performed SQL tuning by creating index on the existing table and stored procedures for efficient querying.
* Deployed the enterprise web application using JBoss Application Server.
* Involved in complete development of ‘Water fall Methodology’ and tested the application within each iteration. Setting up Daily Status meetings with team and communicate Status to Project Manager.
* Worked with testing team analyze and fixed the production defects and deployed the applications on the server.
* Reviewed Design Document, gathered information from Architect and Business Analyst to design Functional Specifications for this UI Interface Project.

**Environment:** Java/J2EE, EJB, JSP, HTML, CSS, JavaScript, JBoss, Subversion (SVN), Oracle, SQL Developer, JDBC, Servlets, Struts2.0 framework.

1. **Access info tech (Jul 2013 to Nov 2014)**

**Java Developer**

**Responsibilities:**

* Implemented MVC Architecture using Apache Struts Framework, Bea Web Logic Server used as a J2EE application server.
* Worked on development of tender and ecommerce and hr. management portals.
* Developed Action Forms, Form Beans and Java Action Classes and templates and performed action mapping in struts-config.xml using Struts and tiles.
* Gathered and clarified requirements with business analyst to feed into high-level customization design, development and installation phases.
* Rewrote client-side validation framework to incorporate new GWT widgets and components.
* Responsible for understanding the scope of the Project and Requirement gathering.
* Implemented Bean dependencies injection with spring framework.
* Involved in parsing the XML by using SAX, DOM parsers.
* Created build environment by using Maven.
* Developed International Error Correction Screens using custom front-end forms using CSS, Servlets, HTML, JavaScript and proprietary tools loading overlay with CSS animate to provide good user interface.
* Involved in development of Java, JSP, Servlets components development and deployment.

**Environment:** Java/J2EE, EJB, JSP, HTML, CSS, JavaScript, JBoss, Subversion (SVN), Oracle.

# TOOLS & SKILLSET:

* **Java/J2EE Technologies:** Servlets, JSP, JSTL, JDBC, JMS, JNDI, JTA, EJB, JSF, JMS, Swings, Multi-threading, Java Networking, Streams and Lambda
* **Programming Languages:** Core Java, Python, JavaScript
* **Application/Web Servers:** Oracle/BEA WebLogic, IBM WebSphere, JBoss, Tomcat, Nginx
* **Frameworks:** Struts 2.x, Spring 3.x/4.x/5.x, Hibernate, JSF (Prime Faces)
* **DevOps Tools:** Docker, Kubernetes, Amazon Web Services (EC2, EBS, EKS), Jenkins
* **Web technologies:** JSP, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS3, HTML5, Angular 2.0/4.0, React.js, NodeJS, Ext.js, Backbone.js
* **Web Services frameworks:** JAX-WS, JAX-RS, Apache CXF, Axis, Jersey
* **Testing technologies/tools:** JUnit, JMeter, Selenium, Cucumber, Spock, Mockito, TestNg, Mockito, Karma, Jasmine, Protractor ,Mocha, Chai
* **Database Servers:** Oracle, IBM DB2, SQL Server, MySQL, MongoDB, PostgreSQL
* **Version Control:** SVN, Clear Case, GIT, Bitbucket, GitLab
* **Cloud:** Amazon Webservices (AWS) Cloud, Pivotal Cloud Foundry (PCF)
* **Build Tools:** ANT, Maven 3.0, Gradle, NPM, Grunt, Gulp, Bower, Jenkins