**Sumith Gmail- arjun@forgetechno.com**

**Sr. Java Full Stack Developer phone - +1 609 973-8471**

**PROFESSIONAL SUMMARY:**

* Accomplished IT Software Professional with nearly 9 years of expertise specializing in the **design** and **development** of robust **Enterprise Applications, Web Applications, and Web Services** within the **Java/J2EE** and related technology landscape.
* Possessing **substantial expertise** in both the **retail** and **banking** **sectors**, with a proven **track record** of **success**.
* Polyglot mind set with proficiency in multiple modern programming languages (Java, Java script, C++, C# etc...).
* **Diverse 5+ years’** experience in providing **Microservices** solutions and building Resilient, Reliable, Fault Tolerant, High available fine grained systems using technologies**, Docker, Kubernetes, Jenkins, Scala, Git**.
* Expertise in using **Node JS, Express JS, and MongoDB along with Mongoose.JS to create server-side applications.**
* Experience in developing **Core Java, J2EE, C#/.NET, Python, Kotlin, Node JS, Angular, React, Redux, JavaScript Typescript, spring, Hibernate, JPA** Applications for **E-commerce, Banking** **Domains**.
* Excellent Project implementation skills using **Java, Microservices, REST API, Spring Boot, Spring Core, Spring IOC, Spring AOP, Spring MVC, Spring Cloud, Spring Data JPA, Spring Security, Spring REST, Hibernate, Docker, Kubernetes, AWS Cloud, Design Patterns, open shift, Git, Maven** and **Jenkins.**
* Experience in **Spring Boot, Micro services**. Expertise in **Java 8, 11, 17, JDBC, J2EE (JSP, Servlets), Web services (SOAP, REST API), WSDL, Graph QL**. **XML, XSD, XSLT, (DOM, SAX), SOAP, WSDL, Web Services using AXIS**.
* Experience in cloud technologies like **Amazon Web Services (AWS) – EC2, S3**.
* Experience with **Oracle**, **PostgreSQL**, **MongoDB**, **Cassandra**, **DB2**, **Graph QL** **and MYSQL** databases including writing stored procedures, triggers, functions, indexes and packages using **PL/SQL**.
* Extensive **experience in Java J2EE technologies using Core Java, Java collection, JDBC, Threads, Spring Framework (Spring Boot, Spring Batch), Struts Framework, Hibernate, Servlets, DHTML, CSS, JMS (both P2P & Pub-Sub), JPA Toplink, Spring Data Rest, Quarkus, JSTL, Display Tag (Custom Tag), Ajax, Java Script.**
* Spearheaded the development of modern and responsive user interfaces for various web applications, utilizing cutting-edge technologies such as **React JS(16,18), Redux, Redux-Saga, Angular (7,8,9), JavaScript, TypeScript, CSS, SCSS, CSS3, AJAX, jQuery, HTML, HTML5, Bootstrap, material UI, JSON and AJAX technologies**.
* Demonstrated a strong command of front-end development principles, consistently delivering **high-quality code** and ensuring **optimal user experiences** across platforms.
* Proven ability to **troubleshoot** and **debug code efficiently**, resulting in the swift resolution of issues and improved application performance.
* Collaborated with **UX/UI designers** to transform design concepts into functional and **visually appealing interfaces**, consistently meeting or exceeding project requirements.
* Developed **custom UI components** like Drag and drop, stepper and slider, Global Filter using **React** and **Redux**.
* Experience in configuring Messaging services like **Kafka** to create topics, producers and consumers.
* Development of new **features**, **bug fixing**, **debugging**, complete maintenance of product including **Code building, fix creation, documentation**. Extensive experience in **Java Production Support.**
* Experienced in **web development using HTML, DHTML, XHTML, CSS, JavaScript, DOJO, Angular JS, and AJAX technologies**.
* Extensive experience working in Test-Driven Development and Agile-Scrum Development.
* Experience in **working in MacOS, Windows and UNIX platforms including programming and debugging skills in UNIX Shell Scripting**.
* Proven expertise in implementing IOC/Dependency Injection features in various aspects of **Spring Framework** (Spring Core, Spring Batch, Spring Boot, MVC).
* Experience in creating comprehensive web applications using MEAN stack implemented with MS SQL, Express, Angular.JS 7/8/9 and Node.js, Java 8,10,11.
* Good **Knowledge of designing, deploying, and operating highly available, scalable and fault tolerant systems using AWS and Azure.**
* Conducted code reviews and provided constructive feedback to junior developers, fostering a collaborative and knowledge-sharing environment within the team.
* Used **Azure Resource Manager to deploy, update or delete all the resources in a single coordinated operation**.
* Using **Azure functions to integrate applications and run background processes according to schedules without provisioning/managing servers**.
* Experience with mission critical, 24x7 systems Production Support.
* Good knowledge on IDE/Tools like **IntelliJ, RAD, RSA, Eclipse, Net beans, SQL Developer, Maven, Ant, Log stash, Log4j, JIRA, Splunk,** **Dynatrace, Grafana, new relic, data dog, Prometheus, GitHub, Bit Bucket**.
* Skillful in **OOPS**, **OOAD**, **UML** Concepts and strong believer to enforce SOLID principles, design patterns, architecture patterns and clean code practices and delivered understandable, maintainable and reusable code with high quality.
* Conducted detailed analysis to support the designing and development of BPM applications.
* Good working knowledge of J2EE best practice tool sets such as Ant, Maven, Log4j, Slf4j.
* **Employing Java Object/Relational bridge technologies such as Hibernate, JPA, and spring.**
* **Developed applications using frameworks and APIs like Struts, and Spring MVC**.
* Extensive experience in Java/J2EE programming - JDBC, Servlets, JSP, JSTL, JMS (both P2P & Pub-Sub).
* Worked on AWS, High Availability Practices, and deploying backup/restore infrastructure.
* Experience **in designing, developing, and deploying J2EE applications on Web sphere, Web logic, Apache Tomcat, and JBoss application Servers**.
* Experienced with Akka building high-performance and reliable distributed applications in Java 8.0 and Scala.
* **Sound working knowledge of performance tuning in JAVA and J2EE including hibernate tuning**
* **Experience in using various Configuration Management tools like CVS, GIT, and SVN.**
* Experience in using the ANT tool, Maven to compile, package and deploy the components to the Application Servers.
* Expertise in the design and development of various web and enterprise applications using Type safe technologies like Scala.
* Experience in installing, configuring, tuning IBM Web Sphere 6.x/5.x, Apache Tomcat 5.x/6.x, JBOSS 5.x/4. x.
* **Proficiency in working with databases like Oracle, MySQL.**
* Expertise in database modeling and development using SQL, T-SQL and PL/SQL in Oracle and SQL Server environments.
* In-depth knowledge of PL/SQL with experience in constructing triggers, tables, functions, user-defined data types, procedures, etc.
* Exposure to Oracle, DB2, and MySQL databases in developing applications using SQL Scripts, Stored Procedures.
* Experience in Unit testing using JUnit, and Selenium.
* Good **experience with AWS Elastic Block Storage (EBS), different volume types, and the use of various types of EBS volumes based on the requirement.**
* Experienced in SCRUM development and **agile methodology**, **Waterfall** model. Prepared **HLD** and **LLD** for different projects & modules.

**Education:**

* Bachelor of Electrical Engineering from JNTU University, INDIA - 2015

**TECHNICAL SKILLS**

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| --- | --- |
| Languages | Java, JavaScript, C, C#, Typescript, SQL, HQL, PL/SQL |
| Software Methodologies | Agile, Scrum, Waterfall, Kanban |
| XML/Web Services | XML, SOA, SOAP, RESTful APIs, Microservices |
| Frameworks | Hibernate ORM, Spring MVC, Spring Boot, Spring AOP, JPA |
| Databases | ORACLE 10g, SQL-Server, NoSQL. |
| Web/Application Servers | Apache Tomcat, JBoss, Web Sphere. |
| Web Technologies | HTML, SCSS, JavaScript, jQuery, Angular 10+, React, Material UI |
| AWS Tools | S3, EC2, ELB, SNS, SQS, Lambda, VPC, Auto Scaling, RDS |
| Build/Testing Tools | Soap UI, Junit, Postman, Maven, Gradle, Docker, Jenkins. |
| Messaging Tools | Kafka, Rabbit mA, JMS |
| Ticketing Tool | Jira, Zoho, Bugzilla. |
| Spring Framework | Spring boot, Spring MVC, Spring Cloud, Spring Core, Spring Data JPA, Spring  Security, Spring REST, Spring Cloud Stream, Spring Batch, Spring Integrations |

**WORK EXPERIENCE**

* Working as a Full stack java Developer at **TIAA Bank** from Mar 2023 to till date.
* Worked as Full stack Java Developer at **Quadrant Tech** from Sep 2019- Feb 2023
* Worked as Senior Software Developer **at NTT data from** June2016- Aug 2019
* Worked as Software Engineer at **V-soft** from April 2015- May 2016

**PROFESSIONAL EXPERIENCE**

**Client: TIAA Bank Mar 2023 to Present**

**Role : Sr Java Full Stack Developer**

**Responsibilities:**

* Collaborated with a team on implementing new features in an **Agile** environment.
* Takes **full stack ownership** by consistently writing production-ready and testable code.
* Consistently creates optimal design adhering to **architectural best practices**; considers scalability, reliability and performance of systems/contexts affected when defining technical designs.
* **Performs analysis of failures**, proposes design changes, and encourages operational improvements.
* Makes sound design/coding decisions keeping customer experience in the forefront. Takes feedback from code review and applies changes to meet standards.
* **Conducts code reviews** to provide guidance on engineering best practices and compliance with development procedures.
* Accountable for ensuring all aspects of product development follow compliance and security best practices.
* Building interactive modern user interfaces with **HTML5 / CSS4 and TypeScript / JavaScript using react.**
* Building custom advanced data visualizationwith**D3.js**.
* Implemented **React redux** for maintaining better state management.
* Developing working prototypes from UI designs and building reusable code and libraries.
* Developed custom modular components and services using **Rx JS**, **Ng Rx**, **Typescript** to implement key functionalities.
* Used React JS in components like **JSX**, creating React components, **Virtual DOM, React Props, Lifecycle methods**, working with React States and Events.
* Extensively used **Java8**features such as **lambda expressions**, **Parallel operations on collections**, multithreading, and effective sorting mechanisms.
* **Integrated Swagger UI** (**API documentation**) and wrote integration tests along with REST documents.
* Used **Java8 features** like **Parallel Streams, Lambdas, functional interfaces,** and **filters.**
* Built reactive **RESTful Microservices** using **Java 8** and Java frameworks **Spring Boot**, **Spring Web.**
* Used**Spring Boot** for building applications with **Spring initializers** and bootstrapping the build configuration and develop custom solutions that act upon **Jenkins** information in authentic time.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring Boot, Spring Security** and **Spring Batch.**
* Develop strategy for integrating internal security model into new projects with **Spring Security and Spring Boot**
* Implemented middle tier using **Spring WEB and Spring Boot**. Created reusable components as **spring aspects** to use across the application.
* Used **Spring Boot Actuator** to monitor and manage the application in production environment.
* Used Rest Controller in Spring framework to create **RESTful Web services** and **JSON** objects for communication.
* Design and develop **REST** based **Microservices** to support UI components.
* Implemented **Microservices** based Cloud Architecture on **AWS** Platform.
* Developed **Microservices** with **Spring Eureka** to retrieve API routes for the entire cluster.
* Generalized JPA Toplink mapping template for the application so that top link related code could be separated from the actual DAO implementation. Combined imperative code and non-blocking reactive style using Quarkus.
* Extensively used **Hibernate** concepts such as inheritance, lazy loading, dirty checking, locking and transactions.
* Incorporated **Apache Kafka**, **Elastic Search** to the project.
* Used Spring **Kafka API** calls to process the messages smoothly on **Kafka** Cluster setup.
* Developed **RESTful services** using **JAX-RS**, spring frameworks.
* Worked system logging using Elastic search, Kibana Logstash to create dashboards in Splunk and Kibana.
* **JIRA** as the bug tracking system to track and maintain bugs/issues.
* Taking heap and thread dumps during **production issues**, analyzing them and identifying the faulty piece of code.
* During Production issues, identify the faulty servers and place them out of rotations from F5 Load Balancer VIP to avoid business impact.

**Environment:** HTML5, CSS3 and Bootstrap, Java 1.8, JavaScript, jQuery, Angular, Node JS, JMS, JSON, Active MQ, Oracle, Swagger, Hibernate, Spring, Spring Batch, Spring AOP, Oracle DB, Jenkins, AWS, Amazon S3, lambda GIT.

**Client: Quadrant Tech Sep 2019 – Feb 2023**

**Role: Full stack Java Developer**

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of **Software Development Life Cycle (SDLC).**
* Used the fundamentals of **Java 8** features like parallel streams and filters through lambda expressions to handle searching.
* Used **Spring MVC** framework at web tier level to isolate each layer of the application so that the complexity of integration will be reduced, and maintenance will be very easy.
* Used JAVA 1.8 features like **Lambda Expressions, Parallel Streams** and functional interfaces. **Implemented Redis cache** to enhance the performance of the instance-based **authentication** module.
* Involved in developing and a solid understanding of **Service Oriented Architecture (SOA) and Micro services based J2EEArchitecture.**
* Configured Swagger-UI registered Micro service with Eureka server to monitor service health check from Spring Boot admin console and Spring Hystrix dashboard.
* Participated in development of a well responsive Single Page Application (SPA) using JavaScript and jQuery in conjunction with HTML, CSS3 standards, with front-end UI team.
* Worked on **spring modules** like Dependency Injection, Aspect Oriented Programming and Spring Mail, Spring JMS and Spring Security.
* Developed **Micro services** using **Spring Boot** and deploying Micro services into **AWS** cloud using **Jenkins.**
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** to build, test and deploy identity Micro services.
* Involved in connecting all Micro services built on **Spring Boot** to form the application.
* Usage of Quarkus for creating high performance applications
* Built centralized logging to enable better debugging using Elastic Search Logstash and Kibana. Identifying the problem areas by using elastic search **Kibana** with Logstash to import .csv files. Using Solr over Lucene index provided a full text search for analysis and quantification.
* Used React JS to create custom components for data manipulations and to display data in company standard format. Worked on react routers and have deep understanding of DOM and VDOM
* Using **Azure Functions** to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* **Azure** function of creation of Storage Accounts.
* Involved in **Azure** network security implementation.
* Used **Node.JS** for server-side rendering. Implemented modules into Node JS to integrate with designs and requirements.
* Used **JMS (Java Mailing Service) API** to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Generated the required **XML** files to transfer data between the server and the web pages.
* Designed and implemented micro services container **CI/CD solutions** within **AWS leveraging** **Jenkins, Git-hub, Docker and Kubernetes.**
* Used AWS deployment services to quickly set up a dynamic website and configured virtual servers.
* Installed application on **AWS EC2** instances and configured the storage on S3 buckets.
* Involved in using Elastic Search, Log stash, and Kibana **(ELK)** for monitoring.
* Used Angular 12 as a framework to create a single page application (SPA) which can bind data to a specific view and synchronize data with the server.
* Used Angular 12 dependency Injection (DI) to inject Angular Services and Custom Services, as well as built custom directives to provide reusable components.
* Worked with **Angular CLI, Ng Modules** and **Typescript** in **Angular** to create **Controllers, media queries** and **Angular grid, Carousel components.**
* Created Angular components like controllers, services, directives, and forms to collect different user data and implemented form validation in **Angular**.
* Worked on Oracle database and **PL/SQL** involving stored procedures, triggers, functions, indexes, and packages
* Writing/refactoring Stored Procedures, **triggers, cursors**, user defined functions, tables, views and **SQL joins** and statements for applications.
* Logging and Monitoring by using **Splunk,** **Dynatrace, Grafana.**
* Used **PL/SQL, UNIX Shell scripts Informix** utilities and **attributes**, Stored Procedures and **Triggers**, etc.
* Installed **Kafka brokers, zookeepers, Kafka** connect, schema registry in multi data-center.
* Wrote **SQL queries** and Stored Procedures for**Data Access Objects** (DAO) and executed using hibernate. Involved in writing, complex queries, mapping persistent classes and managing the mapping files.
* Followed **Agile** methodology for scheduling of the project and better team dynamics.
* Used ***Kafka*** to stream real time data to ***Hadoop*** for analysis.
* Form classes of Struts Framework to write the routing logic and to call different services.
* Created tile definitions, Struts-config files, validation files and resource bundles for all modules using Struts framework
* Participated in the status meetings and status updating to the management team.
* Built centralized logging to enable better debugging using Elastic Search Logstash and Kibana. Identifying the problem areas by using elastic search Kibana with Logstash to import .csv files.

**Environment**: java 8, Java/J2ee, JDK 1.7, Angular JS, Spring,Scala 2.10/2.11, Hibernate, XML, Kafka, Eclipse, WebLogic Application Server, REST, JAX-RS API, HTML5, WebSocket, CSS3, design patterns, SVN, MySQL, AWS, Clear Case, JUnit, AJAX, jQuery, Maven**,** Salesforce.

**Client: NTT Data June 2016 – Aug 2019**

**Role: Senior Software Developer**

**Responsibilities:**

* Involved in Scrum meetings, Sprint planning and estimation of the tasks for the user stories.
* Involved in various SDLC phases like Requirement gathering, Design, Analysis and Code development.
* Used Java8 features like stream and Lambda expressions.
* Used XML Web Services using SOAP protocol to transfer the amount to other application that is remote and global to different financial institutions
* Wrote code Web Services (JAX-WS) for external systems via SOAP/HTTP call and to fetch data from web services via JSON response and updating HTML pages.
* Used Web services (SOAP, REST) for transmission of large blocks of data over HTTP.
* Involved in connecting all Micro services built on **Spring Boot** to form the application.
* Implementing a Continuous Delivery framework using Jenkins, CHEF, Maven in **Linux** environment.
* Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies using Jenkins.
* Implemented **micro services**-based architecture using **Spring Boot** interacting through **REST API**
* Designed and developed **RESTful Web Services using Spring Boot**
* Experienced with automating the release process using Maven, Jenkins, and Jira as tools in a diversified project environment.
* Responsible for design of WSDL files and schemas. Designed and hosted SOAP based Web Services.
* Working on AWS Auto Scaling for providing high availability of applications and EC2 instances based on the load of applications by using Cloud Watch in AWS.
* Created Front-end Single Page Applications using semantics in HTML5, CSS3, JavaScript, Bootstrap, ReactJS, NodeJS and MongoDB.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Implementing a Continuous Delivery framework using Jenkins, CHEF, Maven in **Linux** environment.
* Experienced with automating the release process using Maven, Jenkins, and Jira as tools in a diversified project environment.
* Experienced in all phases of SDLC using JAVA, J2EE (Servlets), MVC Framework, Spring, Hibernate, XML, JDBC, Web Services, SOAP, REST, WSDL, XML, Linux technologies.
* Supporting integrations across multiple application environments.
* Delivering quality deliverables on time Supporting testing of deliverables on different environments.
* Tracking and reporting ongoing integration status effectively.
* Strong debugging and troubleshooting skills.
* Capability to adapt to changes in platform and technology
* Strong experience with identity management, concepts, and implementation.
* Designed and implemented micro services container **CI/CD solutions** within **AWS leveraging** **Jenkins, Git-hub, Docker and Kubernetes.**
* Used AWS deployment services to quickly set up a dynamic website and configured virtual servers. Installed application on **AWS EC2** in
* stances and configured the storage on S3 buckets.
* Involved in using Elastic Search, Log stash, and Kibana **(ELK)** for monitoring.
* Worked on Oracle database and **PL/SQL** involving stored procedures, triggers, functions, indexes, and packages
* Writing/refactoring Stored Procedures, **triggers, cursors**, user defined functions, tables, views and **SQL joins** and statements for applications.
* Used GIT for version control, experience with GIT-Bash and GIT-Hub.
* MQ Visual Browse supports 3rd party security exit for connecting to remote queue managers.
* Ability to open and display multiple queues from multiple queue managers.
* Ability to open (subscribe) and display multiple topics from multiple queue managers.
* Designed and developed custom message adapter components using **Apache Kafka** that allowed messages to travel through **Microservices** to base on RESTful API utilizing Spring Boot with Spring **MVC**.
* Update and perform bug fixes on legacy software in ASP.Net 3.5 Webforms
* Used Custom Validations and User Validation to give access to registered users.

**Environment**: JDK 1.6, Agile Development Process, Struts 1.x, JSF2.x, Spring 3.0, Spring framework, Hibernate 3.5, RSA, JMS, JSP, Servlets, Web Sphere 7.1, Node JS, Apache Tomcat, Oracle and MySQL Databases, AJAX, HTML, Web Sockets, XML, SOAP, Maven2.x, Log4J, Bootstrap, jQuery, JavaScript, JUnit, SVN.

**Client: Vsoft April 2015 to May 2016**

**Role: Software Engineer**

**Responsibilities:**

* Learned and Implemented Fundamental concepts required for front-end development. Learned angular 8, bootstrap, Java script, HTML, CSS.
* Worked on the maintenance of existing projects by adding new functionalities and adding/modifying the design of existing code.
* Worked on production bugs with highest priority.
* Implemented test cases and performed end to end unit testing and writing the rules.
* Worked with the backend team to design API’s.
* Gained exposure on the backend by learning and implementing java in the form of bug fixes.