**Mallikarjuna**

**JAVA FULL STACK DEVELOPER**

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|  **PROFESSIONAL SUMMARY** |

Around 7 years of experience in the IT industry working in requirements gathering, Design, Development, Testing and Implementation for Java and J2EE applications.

* Experience working with different SDLC (Software Development Life Cycle) including Requirement gathering, Analysis, Design, Coding, Testing and Implementation like **AGILE (SCRUM)**, **TDD,** and **Waterfall Models**.
* Worked extensively in **Multithreading, File Handling I/O, Generics, Exception Handling** and Java 8 new features like **Streams, Lambda, Functional Interfaces, CompletableFuture, Date Time API**.
* Expertise in implementing **Core Java SE 8** concepts like **Streams API, Lambda functions, Functional programming,** and **Generics**.
* Expertise in developing **SOA(Service Oriented Architectures)** and **Microservice architectures** 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, Apache Axis.**
* Working on **Test-Driven Development (TDD)** approach for unit testing work with **Junit4, Junit5** and for stubbing used **Mockito, PowerMock** and **Easy mock** and also worked with Integration Tests using **Spring Junit Runner**.
* Extensively worked with **MVC** architecture like **Struts 2.0**, and using **FrontController** design pattern using **Spring MVC**.
* Good hands on experience working with **Object Relational Mapping (ORM)** Frameworks like **Spring JPA** with **Spring Data**, **Hibernate**, **IBatis MyBatis**, and **Spring JDBC**.
* Extensive experience in developing web applications using **HTML5, XML, XHTML, DHTML, CSS, CSS3(Sass,Less), Bootstrap, JavaScript, DOM, jQuery, Ajax, JSON,** and **JSP**.
* Strong experience with **EJB, Struts, Spring Boot,** Spring framework implementing modules: **Spring MVC, Spring Boot, Spring IOC, Spring IO, Spring AOP, Spring Security,** and **Spring Data**.
* Good knowledge in building real-time dashboard applications using **Splunk, Elastic Search, and Logstash (ELK)** to profile and monitor the streaming data of the application.
* Experience in **Spring Security** Framework for **User Access Management, JWT** token-based authentication, and involved **OAuth 2.0** configuration for authentication and authorization.
* Developed real-time dashboard applications for visualization and analytics on Apache web servers using **Grafana, Kibana, Splunk, SumoLogic**, and **New Relic** integrated with **DataDog**.
* Extensively used **Spring IOC** to inject objects based on selecting components like setter injection and Interface injection to manage the object references.
* Good understanding of Server-side JavaScript structures like **NodeJS, Hapi.JS, Express.JS**.
* Experienced in server-side view rendering Java content structures like **React.JS** and rendering pages on the server-side utilizing **Redux** and **Flux** to accomplish unidirectional plan stream.
* Experience in integration tools like **Spring Integration, Mule ESB, Apache CXF, and Apache Camel** to integrate the enterprise application technologies with existing JVM environments.
* A good amount of hands-on experience developing server-side JavaScript frameworks using **Node JS (Hapi JS, Express JS)** to build **event-driven, non-blocking i/o model** web applications.
* Strong experience in building applications using the JavaScript **Mean stack**: MongoDB, Angular JS, Express.js, and Node.js.
* Strong experience developing **Dynamic Single Page Application (SPA)** using MEAN **(Mongo, Express Angular, and Node)** full-stack development tool kit.
* Proven experience with Application Servers like **IBM WebSphere, Oracle/BEA WebLogic, JBoss, and Tomcat**.
* Experience in Message Queue (MQ) services like **Active MQ, Apache Kafka, Rabbit MQ and IBM MQ.**
* Sound learning on the consistent mix and persistent deployment tools **like Puppet, Jenkins, Hudson, Travis and Bamboo**. Substantial involvement in **UNIX and Shell scripting to automate the build scripts**.
* Experience in integration testing tools like **Selenium Web Driver, Cucumber (Behavior Driven Development testing).**
* Experience in testing with **JUnit Framework** using **Mockito** and **EasyMock, Spring Junit Runner, JMeter.** Worked on testing JavaScript structures utilizing **Mocha and Chai, Jasmine, and Karma.**
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iterative methodology, Pair Programming, Agile Development** & **Testing using Software Development Life Cycle.**
* Good Knowledge in **Amazon Web Services (Amazon EC2, Amazon S3, Amazon SimpleDB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS, and Amazon CloudFront)**.
* Extensive AWS Experience including AWS Services such as **EC2, VPC (NAT, VPC Peering and VPN), IAM (Identity and Access Management), Elastic Beanstalk, Lambda, S3, CloudFront, Glacier, SQS, SNS, RDS, DynamoDB, Route53, CloudWatch, CloudTrail, CloudFormation, Security Groups,** etc.
* Handled operations and maintenance support for **AWS cloud resources**, including launching, maintaining and troubleshooting EC2 instances, S3 buckets, Auto Scaling, DynamoDB, AWS IAM, and **Elastic Load Balancers (ELB)** and **Relational Database Services (RDS)**. Also created snapshots for data to store in **AWS S3**.
* Experience writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like **Oracle, MS SQL, MySQL, and DB2**.
* Designed and developed highly scalable, available, fault-tolerant, highly secured, distributed infrastructure (IAAS) using **2 EC2** instances, **S3**, **EBS**, **API Gateway, Elastic Beanstalk, ECS**. Experience in configuration management tools like **Puppet, Chef, Docker** andused **AWS** **SDK** for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Used **Kubernetes Linux container** for deploying and scaling containerized applications.
* Good knowledge of **Drools Rule Engines,** which corresponds to validating **BRMS** **(Business Rule Management System)**.
* Expertise in using **NPM** and **BOWER** package and Dependency management.
* Experience in database design and development of **PL/SQL** stored procedures and packages in relational databases like **Oracle 9i / 10g / 11g, SQL Server 2005/2008, DB2, MySQL,** and good hands-on experience in implementing, designing, and developing **NoSQL** Databases like **MongoDB.**
* Expertise in using **JavaScript** build tools and task runners like **Webpack** for React and Angular 8.0, **Grunt, Gulp** for Angular, Browserify for packaging NodeJS modules for browsers.
* Hands-on experience with building Java projects using build tools like **ANT,** **Maven, Gradle,** and integrating the project **Bamboo, CD/CI, Jenkins, Aws Code.**
* Experience developing applications using MVC and MVVM client-side JavaScript frameworks such as **Angular 8.0, AngularJS** to create dynamic web applications, **Backbone.Js, Ember.JS, Handlebar.JS.**
* Experience designing and developing various **Angular 8.0 Components** (ngModules), **Services**(observable/promises), **Directive,** and **Pipes**.
* Solid experience developing the rendering view **React JS** components, forms, events, routers, and **Redux asynchronous** functions and implemented **React - Flux** pattern for core dependency.
* Developed various **Typescripts (ES6)** objects, including **Services, Components, ngModules, Providers** and **classes** using **arrow functions** and **optional types.**
* Experienced in utilizing source code variant administration apparatuses like **SVN, Git, Bit Bucket**, and undertaking sprinters like **Babel, Grunt, Gulp,** and **Web pack.**

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|  **EDUCATION** |

**B.TECH** in **Computer Science** from Vignan Nirula Institute Of Technology.

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| **TECHNICAL SKILLS** |

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| **Programming Languages** | C, Java, JavaScript, PHP, PL/SQL, UNIX Shell Script. |
| **Java/J2EE Technologies** | Servlets, Spring, JPA, JTA, JDBC, JSP, JSTL, RMI, Applets. |
| **Frameworks** | Struts 2.5, Hibernate 5.x, Spring 5.0, Spring Batch, Spring Security, Spring AOP, Spring Core, Spring IOC, JSF. |
| **Web Technologies** | HTML, HTML5, CSS/CSS3, AJAX, JQuery, Bootstrap, XML, Grunt, Gulp, JSON. |
| **Database** | SQL Server, MySQL, Oracle, MongoDB, DB2 |
| **JavaScript Frameworks** | AngularJS, Angular 8, JQuery, React.js, Node.js, Backbone.js, Hapi.js, Handlebars.js. |
| **Web Services** | XSD, WSDL, Apache Axis, SOAP, Restful, GraphQL, JAX RS, JAX WS |
| **Messaging** | JMS (Java Message Service), IBM MQ, Apache Active MQ, Apache Kafka. |
| **Web Application Servers** | Oracle WebLogic 10.x/9.x, IBM WebSphere 8.x/6.x, Apache Tomcat 8.0/7.x/6.x. |
| **Methodologies** | Agile, Waterfall, OOAD, SCRUM. |
| **Testing Tools** | JUnit, Mockito, Jasmine, Karma, Mocha, Chai, Selenium. |
| **Version Control** | SVN, CVS, GIT, and Clear Case |
| **Build Tools** | Maven, Gradle, ANT |
| **IDEs** | Eclipse IDE, RAD 6.0/7.0, Intellij IDEA, Spring Tool Suite (STS). |
| **Operating Systems** | Windows, Linux, and UNIX |
| **Software** | Visual Studio, Rational Rose, and Microsoft Office |

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| **PROFESSIONAL EXPERIENCE** |

**Client: JPMC, Newark, Delaware**

 **Aug 2022 – Present**

**Sr Java Full Stack**

**Project:** JPMC Consumer and Investment Banking provides multiple security related services for the clients. I worked on the security aspect related enhancement for the company where responses and requests are enhanced to provide scalability and flexibility for the product.The short term project where my tasks include considering the key protection aspects and adapting to the environment where providing tokens for each card transfer

**Responsibilities**

* Developed the single-page application following **Agile Scrum**, participated in daily standups, sprint reviews, Kickoffs, and used **Jira** for project management.
* Involved in Software Development Life Cycle for gathering requirements, Analyzing, Designing, Developing, and Testing applications using **Agile** methodology.
* Implemented **Node JS** as a **server-side** **proxy** for an event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Hands-on experience using build tools like **Gradle**,**Maven.**
* Hands-on experience using **ODM frameworks** to connect asynchronous environments with **Mongoose Connector** and **Cassandra Node Driver**.
* Implemented **AWS** solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups, Optimized volumes, and EC2 instances and created monitors, alarms, and notifications for EC2 hosts using **Cloud Watch**.
* Configured and managed various AWS Services, including **EC2, RDS, VPC, S3, Glacier, CloudWatch, CloudFront, Route53, SQS, SNS,** etc.
* Implemented a 'server less' architecture using **API Gateway, Lambda**, and **DynamoDB** and deployed **AWS Lambda** code from **Amazon S3 buckets. Created a Lambda Deployment function** and configured it to receive events from your S3 bucket.
* Implemented **Spring Boot** to create a **CRUD** back-end for our **React-frontend** application.
* Worked with **Jenkins** Continuous Integration and Continuous Deployment (**CI/CD**).
* Experience in **Docker** Engine and **Docker** Machine environment, to deploy the micro services-oriented environments for scalable applications.
* **JUnit** is implemented along with **Mokito** to perform unit testing on our **RESTful** web application.
* Worked with **Jenkins** to configure **Continuous Integration** and **Continuous Deployment** (CI/CD).
* Worked with **KAFKA** **Zookeeper** for managing the cluster with **broker/cluster** technology.
* Configured **JBOSS** Application server and used **Oracle** database with **Hibernate ORM framework** and used the functionalities of **Hibernate's** second-level **EHCache.**
* Extensively worked in writing minimal code in building re-usable forms with their validations using **REACT with Redux** Architecture.
* Used Netty web server with conversion using reactive stack spring boot application and enhancement related changes
* Designed and developed efficient user Interaction screens using **HTML5, CSS3-SASS** framework and **media queries** to create responsive web pages.

**Environment:** Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, Active MQ, JMS, Hibernate, DB2, SOAP-AXIS2, Restful services, JAX-RS SOA, Eclipse Java EE IDE Neon, Jenkins, Git, Log4j, DB2, Grunt, Jasmine, JBoss, Jenkins, OpenShift, Drools, Maven, TestNg, Protractor, Grunt, Selenium, Cucumber, WADL.

**Client: PWC, Tampa, Florida**

 **Jan 2021 – July 2022**

**Sr Java Full Stack**

**Project:** PWC provides personal savings details of Customers. For multiple financial clients and as per the users account status offers them to take up the new schemes enrolling with the bank. Upon the user’s request it generates the reports and submits the details to the user. Advertises other mutual benefits and keeps track of the contact details of the users and updates them on an event if requested.

**Responsibilities**

* Developed the single-page application following **Agile Scrum**, participated in daily standups, sprint reviews, Kickoffs, and used **Jira** for project management.
* Involved in Software Development Life Cycle for gathering requirements, Analyzing, Designing, Developing, and Testing applications using **Agile** methodology.
* The application is built in **Micro Service Oriented Architecture** using **MEAN 11+ (Mongo, Express Angular 11.0 and Node)** stack and developed **Single Page Applications (SPA)**.
* Developed multiple **Angular 11.0** components that are compatible with the latest versions of **typescript, angular CLI**.
* Designed and developed efficient user Interaction screens using **HTML5, CSS3-SASS,** and Twitter **Bootstrap CSS** framework and **media queries** to create responsive web pages.
* Created dynamic schema design through **NoSQL MongoDB** by writing rich queries and achieved data in a collection to be distributed across multiple systems for **horizontal scalability** as data volumes increase through **Sharding**.
* Implemented **Java11** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces,** etc.
* Implemented **Microservices** architecture with **Netflix, Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to other **Microservices**, making applications into smaller chunks and the Spring Hystrix circuit breaker and for the fail-safe.
* **Kubernetes** is configured in the application for automating deployment, scaling, and management of containerized applications.
* Hands-on experience on **Dump Analysis** and thread Dump common problem patterns (Thread race, deadlock, hanging IO calls, garbage collection / OutOfMemoryError problems, infinite looping, etc.).
* Implemented **Spring Netflix Zuul** API gateway and **Eureka service registry** for **reverse proxy** and **Dynamic service** discovery of APIs.
* Performed manual and regression **testing** using **JIRA X-RAY** tests, writing the scenarios.
* Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and creating Kafka adaptors for decoupling the application dependency.
* Experience in **java11** features like **Parallel Streams, Lambdas, functional interfaces, and filters**.
* Used **Cassandra** for storing internal statements and reports and worked extensively in Development which includes updating and retrieving data internally from the back-end **Cassandra**.
* Implemented Spring Circuit breaker pattern, integrated **Hystrix** dashboard to monitor Spring microservices.
* Participated in code review and mentoring sessions and used **GIT** as version control and **GITBash** for **GIT** interactions.
* Experience in building isomorphic applications using React.js and Redux with **GraphQL** on the server-side.
* Experience in working with **GraphQL** queries and use the Apollo **GraphQL** library.
* Experience working with (consuming) **REST** or **GraphQL** APIs via client-side JavaScript or server-side via NodeJS.
* Programmed **J2EE** application to manage transaction reports for **Oracle** Financials Application Processes.
* Authenticating Users to provide security to RestFul web services using **OAUTH** **2.0**.
* Worked on UI testing with **Karma, Jasmine, Protractor** for Angular, **Mocha,** and **Chai** for React JS and Backbone JS.

**Environment:** Java, Angular 8.0, J2EE, Git, Spring Boot, Hibernate, Core Java, Rest, Web Services, CSS, Eclipse RCP SASS, WSDL, JIRA, JMS, PostgreSQL, AWS, Spring Cloud, Spring batch, PCF, Apache JMeter, jQuery, JUnit, Docker, Maven, Jenkins.

**Client: Kemper, Birmingham, Alabama**

 **Oct 2018 – Dec 2020**

**Full Stack Java Developer**

**Project:** Kemper Insurance primarily focusing on building new platforms for underWritings, reinstating policies and also supporting integration with agent portals for TG and Guidewire Policies.

**Responsibilities**

* Made use of **React JS** to build **Bootstrap** components for responsive UI objects and linked with API data to view and render the **virtual DOM** dynamically.
* Responsible for the overall layout design and prototype using **React JS** with **Redux** library, **jQuery UI,** and **CSS/Less** and **HTML5**.
* Implemented **Node JS** as a **server-side** **proxy** for an event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Extensively worked in writing minimal code in building re-usable forms with their validations using **REACT with Redux** Architecture.
* Good knowledge of Lambda expressions, Time APIs, and **Java 8** core features
* Optimized cleaning up of session-level **Data Structure's** shared across different open tabs when data is flushed/committed from one of the tabs.
* Developed application on Spring framework by utilizing its features lik**e Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC**
* Developed JavaScript for all client-side validations and developed **GUI** using **CSS, JSTL, and XSL.**
* Apply focused development changes across **oracle** databases and see the changes applied through the life cycle of environments and testing into production via **internal deployment tool**.
* Define requirements and specifications for Development using **Oracle R12, Oracle Forms, Oracle Reports** and **SQL**.
* **Web pack module bundler** and **Babel** JavaScript compiler are used accompanying **React JS**.
* DevOps role converting existing AWS infrastructure to Server-less architecture (**AWS Lambda, Kinesis**) deployed via CloudFormation.
* Wrote **Drool rules** in both **rule flow** and **drooled fusion** for fetching the facts from the database.
* Dockerized Spring Boot application to Pivotal Cloud Foundry **PAAS** (Platform as a service).
* Worked with container-based application deployments using **Docker** with **Kubernetes**.
* Experience integrating the internal security model into new projects with **Spring Batch**, Spring **Microservices** and **Spring Boot**, **Pivotal Cloud Foundry,** and **Netflix Eureka.**
* Performed Unit testing on **ReactJS** applications using Karma and Jasmine tools and worked with the Gulp tool to build automation.
* Performed Unit testing on applications using tools **Mocha** to test Reactjs and **Chai** for Node.js.
* Experience in integration testing tools like **Selenium Web Driver, Cucumber (Behavior Driven Development testing).**

**Environment:** HTML5, CSS3, Redis, Express JS, jQuery, JavaScript, Node JS, Bootstrap, REST API, Load Balancer, Mongoose Connector, MongoDB, REST administrations, Docker, Mocha, Jasmine, Karma, Gulp, SSO Authentication, WebPack, Kubernetes, Selenium, Maven and Jenkins. GIT, Jenkins, AWS Services, Elastic Cloud Compute (EC2).Project:

**Client: Johnson & Johnson, Raritan, NJ**

**Dec 2017 – Sep 2018**

**Sr Java Developer**

**Project:** Johnson & Johnson is an American multinational corporation that develops medical devices, pharmaceutical and consumer packaged goods manufacturing. And this application is a J2EE based application developed on frameworks like Spring, Hibernate and Web Services

**Responsibilities**

* Used **HTML5, CSS, jQuery, Ajax** and performed client-side validations using JavaScript.
* Effectively used **Angular Directives, filters, declarative templates, service providers, and context-aware communication**.
* Worked on **Spring Framework** handling major concepts like **Dependency Injections, Spring IoC Containers, Transaction Management Declaratives** (annotations based).
* Deployed the **drools** rules as a service in the J2EE stack environment.
* Wrote **SQL** Queries, **PL/SQL** stored procedures, triggers, packages on **Oracle database.**
* Configured **Hibernate's** second-level cache using **EH** **cache** to reduce the number of hits to the configuration table data.
* Implemented security functionality for various projects using **Site minder (SSO).**
* **HibernateORM** framework is used to interact with databases through **Hibernate query language** (HQL). And also worked with the **Hibernate EH Cache technique** for the critical objects in the application.
* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events **triggered** by clients and send requests to the server.
* Developed an automated application using **JMS** for messaging and **JNDI** to interact with the server.
* **Configured** and **managed** public/private cloud infrastructure utilizing **Amazon Web Services like Amazon Ec2, Amazon S3**.
* Configured **Jenkins** to handle application deployment in the **Pivotal Cloud Foundry (PCF)** server and integrate with **GitHub** version control.
* Implemented **Struts** encouraging application architectures based on the **Model View Controller (MVC)** design pattern and **Struts 2** framework for front-end development and presentation logic.
* Implemented **ODBC,** which is used for connecting to the **Oracle** databas**e.**
* Used **Maven** build tool to deploy the application on web servers, i.e., **JBoss**.
* **Unit, functional, end-to-end testing** is achieved using the TestNg framework.
* Integration testing methods and **Behavioral driven testing** in the application are implemented using **Selenium and Cucumber,** respectively.

**Environment:** Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, Active MQ, JMS, Hibernate, DB2, SOAP-AXIS2, Restful services, JAX-RS SOA, Eclipse Java EE IDE Neon, Jenkins, Git, Log4j, DB2, Grunt, Jasmine, JBoss, Jenkins, OpenShift, Drools, Maven, TestNg, Protractor, Grunt, Selenium, Cucumber, WADL.

**Client: Regius IT Solutions Ltd, India**

 **June 2015 – Nov 2017**

**Java Developer**

**Project:** Payroll platform that enables them to manage employee content and to automate the payroll process. Also other capabilities like providing an interface by which other software packages can update Workforce.

**Responsibilities**

* Implemented responsive web-based applications using **HTML5, CSS3, Javascript, Jquery.**
* Developed **SCM** by using the **JSP/HTML** for each user interface. Servlets standard validations are used as the controllers for business logic and using **JDBC, XML** parsing techniques using **MVC**.
* Designed a mailing application to send notifications to the **Oracle** users for intimating to start the following workflow.
* Used **Multithreading** concept to post data from files to tables involving the transformation of files from one format to another.
* Configured **Struts-config.xml, Tiles-def.xml,** and various properties files provided by Struts Framework for the implementation module.
* Extensively used the **Struts tag libraries (Bean Tags, Logic Tags, HTML Tags, etc.) and Custom tag libraries.**
* Developed web applications using **Struts, Spring, and iBatis** framework.
* Experience in installing, configuring, and deploying applications on **Web Logic Server**.
* Developed a **DAO** pattern to retrieve the data from the database.
* We kept up the bean life cycle by utilizing **Spring IOC,** which keeps session information about beans.
* Worked with **Log4J** to capture the log that includes runtime exceptions
* Implemented **IBM WebSphere** Application Server to deploy the application
* Deployed application on the **Client Linux server**.
* Used **ANT** build tool for compiling and generating war files.

**Environment:** Core Java, J2EE, JSP, HTML, MVC, Servlets, Struts, JMS, MDB, EJB3.1, JUnit, PL/SQL, DAO, Web Logic Server, Ant, SOAP, JAX-WS, WSDL, Junit, SQL.