**Malla Reddy Dasari**

**Java Full Stack Developer**

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**Professional Summary**

Full Stack Java Developer with **10+ years of experience** in design, development, integration, deployment, and maintenance of enterprise-level applications across **financial, eCommerce, and trading domains**. Proven expertise in **Java/J2EE**, **Spring Framework**, **Microservices**, and **front-end technologies** with hands-on experience in **cloud platforms**, **Big Data**, and **DevOps** practices.

* Strong core Java skills with hands-on experience in **Multithreading, Collections, Concurrency**, Java 1.8+, and design patterns (Singleton, Factory, DAO, Business Delegate).
* Expertise in **Spring Boot, Spring MVC, Spring Batch, Spring AOP, Spring JDBC**, and **Hibernate/JPA** for building scalable and maintainable microservices and web applications.
* Front-end development using **AngularJS, JavaScript, jQuery, HTML5, CSS3, AJAX**, with good understanding of UI/UX component architecture.
* Proficient in **Web Services** development using **REST, SOAP, JAXB, JAX-RS, JAX-WS**.
* Strong database programming skills in **Oracle, SQL Server, MySQL, PL/SQL, DB2**, with experience writing complex **Stored Procedures and Triggers**.
* Experience with **Big Data technologies** including **Apache Spark, Hadoop**, and developing Scala-based analytics pipelines.
* Skilled in **Cloud Platforms** such as **AWS (EC2, ECS, IAM), GCP, and Azure DevOps**, with containerization using **Docker** and orchestration with **Kubernetes**.
* Proficient in **CI/CD** using **Jenkins, Maven, Git**, and automation with shell scripting.
* Extensive experience in **TIBCO technologies** (BW, EMS, BWCE) and **messaging systems** like **Kafka** and **JMS**.
* Experienced in building enterprise-grade solutions using **Pega BPM** with custom Java integrations for real-time workflows, data validation, and external system connectivity.
* Developed secure and scalable backend systems using **Struts, EJB 3.0, WebSocket's**, and **SOA-based architectures** (Apache Axis).
* Hands-on in **Golang** and **Scala**, building microservices and backend services.
* Proficient in **Unix/Linux scripting**, application servers like **WebSphere, Tomcat, JBoss, WebLogic**, and logging using **Log4j**.
* Familiar with **IBM Mainframe technologies** (COBOL, CICS, JCL, DB2).
* Developed and integrated **AI/ML models** within Java microservices for real-time data analysis and prediction using Python and TensorFlow APIs.
* Utilized **GitHub Copilot** to accelerate coding productivity, assist with boilerplate code, and improve test coverage in large-scale Java applications.
* Migrated legacy systems to **Java 11+** and optimized performance by refactoring code using Java Streams, Lambdas, and Completable Future.
* Experienced in **Agile/Scrum methodologies**, working independently or collaboratively across cross-functional teams.
* Strong communication and problem-solving skills with proven ability to deliver high-quality solutions on time.

**Technical Skills:**

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| **Category** | **Technologies / Tools** |
| **Web Languages** | Java, J2EE, JSP, JSF, Struts 2.0, Spring Web Flow, EJB 3.0, JDBC, JavaScript, JSP Tag Libraries, JDK, SQL |
| **Core Java** | Collections, Data Structures, Generics, Serialization, Reflections, RMI, Swing, Concurrency, Multithreading |
| **Frameworks** | Spring Boot, Spring MVC, Spring REST, Spring AOP, Spring Batch, Spring ORM, Struts, JSF, CXF, AXIS2, Log4J, ReactJS |
| **Web Services** | SOAP, REST, WSDL |
| **Scripting Languages** | JavaScript, CSS, Ajax, jQuery, AngularJS |
| **Markup Languages** | HTML |
| **Design Patterns** | Singleton, Factory, Builder, Prototype, Facade, Visitor, MVC, DAO, Front Controller |
| **Protocols** | TCP/IP, HTTP/HTTPS, SOAP |
| **Databases** | Oracle 11g, MySQL 5.x, SQL Server, DB2, PL/SQL |
| **Operating Systems** | Windows, Unix/Linux, DOS |
| **IDE / Tools** | Eclipse, RAD, JBuilder, RSA, Oracle ADF, Enterprise Architect, Rational Rose, EditPlus, Maven, ANT, JUnit, Visio |
| **Build / DevOps** | Jenkins, Git, SVN, ClearCase, CVS, GitHub Copilot, Docker, Kubernetes, Azure DevOps |
| **Servers** | WebSphere 8.0, Apache Tomcat, JBoss 4.x/5.x, WebLogic 7.1/8.x |
| **ORM Tools** | Hibernate, JPA, iBatis |
| **Big Data** | Apache Hadoop, Apache Spark, Scala |
| **Other Tools** | MS Office Suite, SQL Developer, TOAD, Test Director, Dreamweaver |

**Education Details:**

Bachelor of Technology, ECE, JNTU Hyderabad, 2013

Masters in computer science, Southern Arkansas university, Arkansas, 2017

**Professional Experience**

**Client:** Goldman Sachs, Dallas, TX  
**Duration:** January 2024 – Present  
**Role:** Java Full Stack Developer

**Responsibilities:**

* Spearheaded the design and development of scalable microservices using Spring Boot, Java 17, and Angular 15, delivering a maintainable and robust full-stack architecture.
* Led end-to-end development of critical services from requirements analysis through deployment, ensuring business goals were met.
* Implemented advanced security measures, including **IP whitelisting** and secure API key authentication leveraging **Bouncy Castle**.
* Established and integrated a **Certificate Revocation List (CRL)** system to manage certificate lifecycle and enhance security.
* Configured and managed **Prometheus** for real-time monitoring and alerting, integrated with Fabric Alerts to enable proactive issue resolution.
* Designed and enforced fine-grained **IAM roles and policies** on **AWS**, ensuring least privilege access across services.
* Developed and maintained microservices to process credit card payments, refunds, and reconciliations, achieving **PCI-DSS compliance**.
* Deployed and managed containerized applications on **AWS ECS** (Fargate and EC2) and **OpenShift Container Platform (OCP)**, ensuring high availability and scalability.
* Developed serverless applications and event-driven functions using **AWS Lambda** with Python and Java.
* Designed asynchronous communication patterns using **AWS SQS** and **SNS** to decouple microservices and improve scalability.
* Proactively monitored AWS resources with **Amazon CloudWatch**, creating custom metrics and dashboards for comprehensive observability.
* Automated build and deployment pipelines with **GitLab CI/CD**, improving deployment efficiency and workflow automation.
* Implemented message producers and consumers using Kafka and RabbitMQ to enable asynchronous communication and event-driven processing.
* Managed dependencies with **Maven** and infrastructure provisioning using **Terraform** for infrastructure-as-code deployments on AWS.
* Designed and deployed well-documented **REST APIs**, enhancing client integrations and usability.
* Developed highly responsive, scalable **single-page applications (SPAs)** using Angular 15, utilizing standalone components and strict typing for improved performance and developer experience.
* Architected and optimized distributed ETL pipelines on **Databricks** using **Apache Spark** and **Delta Lake** for processing large-scale structured and unstructured data for analytics.
* Developed AI/ML integrated microservices leveraging **Large Language Models (LLMs)** for automation of text processing, sentiment analysis, and recommendation systems, improving response efficiency by 30%.
* Developed reactive microservices using Vert.x and deployed them across Kubernetes clusters, integrating with Kafka and Redis for scalable message-driven communication and real-time data processing.
* Conducted thorough code reviews and refactoring to ensure high code quality, maintainability, and adherence to best practices.
* Integrated REST APIs with Angular’s HTTP Client and implemented secure authentication/authorization using JWT and OAuth 2.0.
* Implemented Java-based custom functions in **Pega** to support real-time financial data validation and compliance workflows.
* Analyzed architectural differences between Kafka and RabbitMQ, selecting the best-fit solution for various use cases.
* Developed interactive **Power BI** dashboards to support financial data analysis in Capital Markets, enabling better business insights.

**Client:** FedEx through Mphasis, Memphis, TN  
**Duration:** October 2021 – December 2023  
**Role:** Java Full Stack Developer

**Responsibilities:**

* Actively participated in Agile Scrum ceremonies to ensure timely delivery of high-quality software.
* Developed and deployed scalable Spring Boot microservices within Docker containers on **AWS EC2**, ensuring reliability and easy maintenance.
* Implemented RESTful microservices using **Spring Boot** and **Node.js** for efficient inter-service communication.
* Expertise in designing automated systems utilizing Micro Service workers that interact asynchronously internally and accept on-demand input from other systems through RabbitMQ, Kafka, Azure Bus, REST, and SFTP, and occasionally read periodic inputs based on scheduled REST API callsLeveraged **Java 8** features to improve application functionality, maintainability, and performance.
* Designed and optimized RESTful APIs using **Node.js**, **Express.js**, and NoSQL databases (**MongoDB**, **DynamoDB**), enhancing response times for high-traffic applications.
* Built enterprise-grade web applications with **Angular 6**, utilizing Angular Elements for reusable components, Angular CLI for streamlined development, and **RxJS 6** for reactive programming.
* Developed scalable, fault-tolerant event-driven systems using **Kafka** and **Scala**.
* Implemented secure authentication mechanisms using **OAuth 2.0** integrated with identity providers such as **Okta**.
* Designed and optimized large-scale data pipelines leveraging **Apache Spark** and **Delta Lake** on **Databricks** for efficient ETL and analytics processing.
* Designed and implemented high-performance, non-blocking RESTful APIs using Vert.x, achieving a 40% reduction in response time under concurrent load conditions by leveraging event-driven architecture and asynchronous I/O.
* Managed and optimized relational databases including **MySQL** and **PostgreSQL** hosted on **Amazon RDS**.
* Developed dynamic, responsive web applications with **React.js**, implementing optimized state management and integrating **RESTful** and **GraphQL** APIs to improve data fetching efficiency.
* Configured and maintained high-performance **Elasticsearch** clusters to enable real-time analytics and enhanced search functionality.
* Built **Pega** case flows with Java logic for shipment tracking and exception handling, integrating with logistics systems.
* Integrated **AWS CodeDeploy** with CI/CD pipelines using **Jenkins**, **GitHub Actions**, and **AWS CodePipeline** for seamless automated deployments.
* Managed authentication and authorization workflows with **Okta**, including SSO, OAuth 2.0, and OIDC protocols.
* Built modular **Single Page Applications (SPA)** using **Angular 4**, focusing on optimized performance and maintainability.
* Configured and managed key AWS services including **EKS**, **DynamoDB**, **SQS**, and **ELB** to support scalable, fault-tolerant deployments.
* Operated in CI/CD environments using **Jenkins**, **Maven**, **AWS**, and **Terraform** to automate build, test, and deployment processes.

**Client:** Bristol Myers Squibb through DXC Technology, Princeton, NJ

**Duration:** September 2020 – October 2021  
**Role:** Java Full Stack Developer

**Responsibilities:**

* Participated in Agile Scrum ceremonies to deliver high-quality, on-time software deliverables as part of the SDLC.
* Implemented **Spring Boot-based REST microservices**, deployed in **Docker containers** on **Amazon ECS** for scalable cloud-native applications.
* Configured and managed **Okta IAM** to enable secure authentication and role-based access control.
* Designed and built **Java data ingestion pipelines** using **Apache Kafka** and **Apache Flume** for efficient real-time data flow.
* Integrated modern microservices with **mainframe systems** and **Appian BPM**, bridging legacy infrastructure with modern platforms.
* Enhanced data throughput and processing performance in mainframe integration using Java optimization techniques.
* Built advanced UI components and **state management logic using Redux**, improving responsiveness in Angular applications.
* Developed **CI/CD pipelines** for Java and Angular using **Jenkins**, **GitHub Actions**, and **Azure DevOps**, improving delivery automation and reliability.
* Utilized **Java Multithreading** and the **Collections Framework** for high-performance backend development.
* Designed and optimized **MarkLogic NoSQL** database solutions to handle complex document-based data models.
* Improved concurrent processing performance using **Golang goroutines and channels** in microservice components.
* Implemented secure, automated **data pipelines with Apache NiFi** for large-scale, regulated data ingestion and transformation.
* Managed deployments on **Microsoft Azure**, using **Azure DevOps** for version control, build automation, and release management.
* Leveraged **Terraform** for infrastructure-as-code and cloud provisioning on **AWS**, enabling repeatable and scalable environments.

**Client:** Freedom Mortgage, Mount Laurel, NJ

**Duration:** September 2019 – August 2020  
**Role:** Java Backend Developer

**Responsibilities:**

* Participated in requirement gathering, system design, and Agile-Scrum ceremonies to deliver backend solutions effectively.
* Designed and implemented **RESTful APIs** using **Spring 4**, **Spring Boot**, and **J2EE** within an MVC architecture.
* Built microservices-based internal dashboards using **Node.js** and **Express.js**, integrating **Passport.js** for authentication.
* Integrated applications with **Azure Active Directory** and implemented **RBAC** for secure cloud access control.
* Deployed containerized services using **Azure Kubernetes Service (AKS)** and **Azure Container Registry (ACR)**.
* Managed Dockerized Spring Boot microservices on **AWS EC2** using **AWS Console** and **CodeDeploy**.
* Developed REST clients and created **POCs using MEAN stack**, enhancing existing **Node.js/Express.js** APIs backed by **MongoDB**.
* Integrated **NoSQL databases** like **MongoDB** and **Apache HBase** for efficient storage of semi-structured data.
* Designed **message routing pipelines** with **Apache Camel** and integrated **JMS queues** using the producer template.
* Built rich client-side features using **AngularJS**, binding models to templates and handling asynchronous REST API calls with **Angular Promises**.
* Implemented real-time communication using **WebSocket** frameworks such as **Jetty WebSocket**
* Created backend logic using **MySQL**, writing complex **Stored Procedures**, **Triggers**, and **Functions**.
* Deployed applications on **JBoss** and **WebLogic** servers on **UNIX** environments.
* Used **Jenkins**, **Git**, and **Azure DevOps** for CI/CD, source control, and Agile project tracking.
* Conducted comprehensive testing including **unit**, **integration**, and **smoke tests** to ensure quality and stability.

**Client:** Baker Hughes, a GE Company, Houston, TX

**Duration:** June 2017– August 2019  
**Role:** Java Developer

**Responsibilities:**

* Participated in client meetings and Agile Scrum calls, contributing to design discussions and sprint planning.
* Designed and implemented enterprise modules for **Order Management**, **Execution Management**, and **Risk Management** systems.
* Developed **microservices** using **Spring Boot**, with build and deployment pipelines automated via **Maven** and **Jenkins**.
* Adopted **MVC architecture** and implemented web applications using **Struts**, including development of **custom JSP tag libraries**, **form validation**, and **error handling** using the Struts Validator Framework.
* Designed model and controller components such as **Action Forms**, **Action Classes**, and **Action Mappings**.
* Developed scalable and responsive UI components using **HTML**, **CSS**, **AJAX**, **Dojo**, and **JavaScript**.
* Leveraged **GCP serverless** platforms for event-driven **Java** applications, enabling better scalability and cost-efficiency.
* Implemented data access logic using **Hibernate ORM**, including configuration of mapping files for **POJOs** and entity relationships.
* Integrated **SOAP-based web services** using **WSDL**, **UDDI**, and **JAX-WS** for inter-system communication.
* Engineered **TIBCO BW processes**, took ownership as a **TIBCO Administrator**, and configured **EMS servers** for high availability (fault-tolerant and load-balanced).
* Collaborated with **Web** and **Mainframe** teams to design and build robust interface solutions between heterogeneous systems.
* Wrote Java integrations with distributed SQL-on-Hadoop engines such as **Apache Hive** and **Apache Impala** to enable real-time querying of large datasets.

**Client:** Merit Systems Pvt Ltd, India  
**Duration:** Sep 2013 – December 2015  
**Role:** Jr. Java/J2EE Developer

**Responsibilities:**

* Participated in design, analysis, and implementation of enterprise applications using Agile methodology.
* Developed web-based applications using **Spring Framework** modules including **Spring MVC**, **Spring Core**, **Spring Data**, and **Spring Batch**.
* Implemented **MVC design pattern** and **RESTful web services** using the **Jersey** framework.
* Utilized **HTTP Servlets** and **HTTPS REST calls** for secure session tracking and inter-service communication.
* Configured **Apache JNDI Basic Data Source** on **Tomcat 7.0 and** used **JDBC** with **Prepared Statements** and **Callable Statements** for data access.
* Wrote complex **SQL queries**, **Stored Procedures**, and **Triggers** for backend data operations.
* Employed **Log4j** and **SLF4J** for logging and runtime error tracking.
* Implemented **CI/CD pipelines** with **Jenkins**; managed builds using **Maven**.
* Built **ETL pipelines** using **SSIS** to process and load data into **Staging** and **Data Warehouse** systems.
* Performed **unit testing** with **JUnit** and validated REST endpoints with **Postman**.
* Managed project tasks using **Jira** and source code using **Git**.
* Developed applications using **Java JDK 7** on **Unix/Linux** platforms.