# Hari Kishan Reddy Dulganti

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**Mobile**: **+1 (925) 230-7501**

* Senior Software Developer with 12 years of experience in the IT industry, specializing in the full SDLC, from analysis and design to development, testing, implementation, and support of enterprise web applications using Java/J2EE & various applications from monolithic to microservices architectures.
* Experience spread across Microservices and Java developing web applications Spring Boot, Spring framework, and Kafka.
* Strong experience in Spring frameworks such as Spring MVC, IOP, AOP, JPA, Spring JDBC, Prepared statements, and Hikari Data Source.
* Experience in J2EE algorithms, Data Structures, and Design Patterns such as Factory Method, Singleton, Service locator and Data Access Objects, MVC.
* Experience in developing frontend applications using HTML5, JavaScript, CSS, Bootstrap, JSP, and Struts.
* Experience in working with various Software Development Life Cycle (SDLC) methodologies based on Agile (Scrum), Test Driven (Test First) Development, and Conventional SDLC.
* Experience in Junit, Mockito, Functional testing and Regression testing.
* Experience in developing web applications using Microservices, RESTful Web services and SOAP based Web Services.
* Experience in RDBMS technologies like Oracle, My SQL and Postgres & Experience in No Sql databases like Mango Db, Cassandra.
* Professional coding experience in Core Java concepts, such as Multithreading, Collections, Generics, Exception handling, Synchronization, Concurrency, Serialization, Garbage Collection and Design Patterns with strict coding standards.
* Experience in using Jenkins continuous integration and continuous deployment.
* Implemented continuous delivery pipeline using Docker, Jenkins and GitHub
* Experienced in securing applications using Spring Security with various authentication and authorization techniques such as Basic Authentication, OAuth 2.0, and LDAP.
* Experience in building microservices using Spring Boot.
* Hands-on experience in Service-Oriented Architecture, Web Services using JAX-WS, SOAP, WSDL, UDDI, JAX-RS, Restful, Jersey and OAuth2.
* Experience in writing Stored Procedures, functions, Triggers, DDL, DML SQL queries.
* Experience in developing a data pipeline using Kafka.
* Experience working on Amazon cloud with Docker.
* Experience in working with AWS services like EC2, S3 and RDS.

##### EDUCATION/TRAINING/CERTIFICATION

Bachelors from Jawaharlal Nehru Technological University, 2010 in Computer Science Engineering

##### TECHNICAL ENVIRONMENT

**Skills:** Agile Development, Software Design, Web Development, Database Management, Project Management, Team Leadership, Process Improvement, Java Spring , Spring Boot, JavaScript, Core Java, Junit, IntelliJ, Eclipse, Python, C++, Spring Framework, Microservices, Spring Boot, Hibernate, Kafka, MySQL, SQL Server, Oracle, Postgres, Cassandra, AWS, HTML5, CSS, Java script, Bootstrap, jQuery, JSP, AI, ML |LLM, Lang Chain, Python, Splunk REST API, JSON, HTTP, Linux, Git

##### MAJOR ASSIGNMENTS

**Intuit, Location, CA Jan 2022 – Present**

**Software Engineer II**

**Responsibilities:**

* Worked with QuickBooks Online Payroll team on an application serving 600K+ customers with 20K TPS to help customers solve issues involving moving millions of dollars daily with tax agencies, including paying employees on time.
* Designed and Developed REST APIs using Spring Boot and deployed microservices as Docker containers in AWS EKS Kubernetes Clusters. Hands-on with kubectl commands.
* Developed backend components using Spring framework, database components using JPA/Hibernate and integrated with AWS Aurora PostgreSQL database of each microservice
* Experience spread across Frontend, Microservices and Java developing web applications Spring Boot 2+, Spring framework and Kafka.
* Developed front-end screens and functionality using JavaScript HTML5, CSS, Bootstrap and JSP.
* Significantly reduce third party service costs by integrating monolith code base with java platform SDK to migrate roughly 600 notifications templates and 7TB of notification data to company’s new platform data storage.
* Integrated with other microservices in the echo system by consuming REST APIs for synchronous communication and writing message publishers & handlers to send/receive messages from AWS SQS/SNS/RabbitMQ for asynchronous communication. Little hands-on Apache Kafka.
* Upgrade code base with supported experimentation platform to enable seamless switch between 1200 feature flags without downtime, reducing resource effort and time and yielding cost savings for the company.
* Develop batch jobs, update helm charts YML files and deploy them as Kubernetes based CRON jobs
* Write database SQL scripts for schema changes, functions, procedures, views and data changes and SQL queries to debug issues using pgAdmin tool
* Enable Launch Darkly and further upgrades to other feature flag management tooling, upgrade notification sending using TxE service to OINP platform, ensuring quarterly support for 40-50% tax payment exceptions/paychecks to users.
* Standardize logging to save storage costs, improve application function, and yield clear triage and efficient monitoring.
* Developed database components using Hibernate, JPA frameworks to connect with Oracle and MongoDB NoSQL databases
* Transform customer experiences by generating and processing tax payments accurately and on-time through compliance changes, product customization, and debugging of code, resulting in increased customer satisfaction.
* Provided support to applications deployed and resolve the issues. Coordinate with other dependency teams for timely closure of tickets. Involved in production Go-Live activities and migrations

**IBS Software Private, Atlanta, GA Jan 2016 – Jan 2022**

**Lead Software Engineer**

**Responsibilities:**

* Contributed to lifecycle, user interaction, needs gathering, design, development, implementation, and preparation of project-related documents, built Webpages by using React, Threads, Multithreading, Synchronization, and Collection API.
* Handled sales of Airline Cargo Management (iCargo) products containing Flights, Capacity, Bookings, and Allotments modules.
* Led Agile development with daily Scrum meetings, while designing and implementing high-performance web applications using Core Java, J2EE, Threads, and Synchronization
* Involved in development of screens from scratch and customization of screens based on customer requirements.
* Developed java batch jobs and scheduled them to run with Unix crontab scheduler, Java Quartz scheduler and Spring Scheduling framework
* Developed User Interface using the HTML5, JSP, JavaScript, Bootstrap.
* Used Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication, applied Java Collections to store data with JSP-efficient client-side validations via JavaScript.
* Used Hibernate Criteria API to construct complex SQL queries for data retrieval and aggregation.
* Provided HLD, LLD, Epic, and suggestions to team planning, designing, and implementing microservices for modules, resulting in efficient development and deployment of application with high quality and speed, meeting project timelines.
* Executed top-quality solutions as onsite single point of contact for iCargo implementations such as ANA, NCA, Korean airlines, and Japan Airlines, resulting in high customer satisfaction and increased business opportunities for region.
* Ensured smooth business transactions by being on-call 24/7 to provide quick support to customer operations such as monitoring applications and properties changes for alerts and running database scripts for data corrections.

**IBS Software Services, Bangalore, India Jun 2013 – Dec 2015**

**Senior Software Engineer**

**Responsibilities:**

* Contributed to development of code in MVC architecture for project using internal iCargo Framework, of Web Services for application using iCargo Framework, and of code in business layer for database interaction using Hibernate API.
* Reduced costs by automating airline systems, improving data sharing for iCargo through SOAP based Web Services.
* Wrote SQL queries, stored procedures, functions, triggers, PL/SQL blocks
* Created database tables, sequences, indexes, constraints and other existing database objects
* Developed new screens in the project, from frontend to backend using html, JSP, AJAX, J2EE, Hibernate, Oracle and took full ownership of the functionality till production.
* Implemented Data Structures such as Queue, Linked lists, and Sorting Algorithms, used various design patterns like DAOs and VOs along with client-side validations via JavaScript, prepared Test Cases and performed unit testing.
* Installed REST web-services to filter and sort flights, increasing revenue and improving space utilization for the airline.
* Improved airline business operations through effective coordination of implementation support by excelling as sole onsite liaison between iCargo and Lufthansa and Turkish airlines.