YASHWANTH REDDY KASARLA
Java Full Stack Developer

Phone: +1 469-885-7341
Email: Yashwanthreddy263@gmail.com

PROFESSIONAL SUMMARY:

- Over 10+ years of Full Stack Development experience, working with Microservices, developing responsive web applications and DevOps knowledge as well Strong background in Java/J2EE environments.
- Worked extensively on J2EE for developing Web and Distributed Applications by using JDBC, JSP, Servlets, Hibernate, Struts and Web Services.
- Responsible for creating and maintaining architecture for Restful API using Spring Boot.
- Strong experience with Java concepts like Exception Handling, Collections, Multithreading. Played around with Synchronized collections and Concurrent Collections.
- Knowledge of developing single page web applications by using Angular with typescript/ES and jQuery and working knowledge on HTTP access control CORS to enable cross-origin resource sharing in the project.
- Experience creating Typescript reusable components and services to consume REST APIs using Component based architecture provided by Angular7, Angular 11.
- Strong understanding of Object-Oriented concepts like Inheritance, Polymorphism, Encapsulation etc. Have been practicing the SOLID principles for the application development.
- Used Spring Boot Actuator to monitor and manage the application in production environment.
- Proficient in MuleSoft Any Point API platform on designing and implementing Mule APIs. Strong working knowledge on API Gateway.
- Experience in developing web, enterprise and SOA applications using Core Java, OOAD, Multi - Threading, JavaBeans, JSP, Servlets, JNDI, JDBC, Hibernate, JPA, Spring, Web Services (SOAP, Restful and Micro-Service), XSD, XML, XSLT, JSON, JAX-B, Apache Commons, EJB, JMS, MQ-Series, HTML, Ajax, Oracle, and Linux/UNIX.
- Hands-on experience Java 8 features like Lambda, Streams, Optional, Java Time API, Functional interfaces, and BASE 64 encryption etc.
- Experience in using the Object Relational Mapping Tool Hibernate, strong in using XML mappings and Java Objects.
- Strong understanding of common API technologies, such as OAUTH, SAML, Spring Boot and Micro services.
- Having strong hands-on experience on multithreading and executor framework. Played around with the concurrent collections as well.
- Extensive experience on developing web applications using Spring Boot, Spring Core, Spring MVC, Spring ORM, Spring JPA, Spring Rest and Spring Cloud (PCF).
- Having strong understanding of the Java Runtime Engine, monitoring the memory usage and memory management using Garbage Collector algorithms such as G1(Garbage First).
- Application integration using MuleSoft ESB and IBM Message Broker for integrating and orchestrating the services.
- I have experience in profiling Java applications using JProfiler.
- Captured heap dump and database calls to optimize the JVM usage.
- Good knowledge of Spring, IOC, AOP, Spring and MVC integration with Hibernate and Struts technologies.
- Having good experience with the Rest API, Graph and Web Socket Programming for the Reliable and Real-time communications between the microservices and applications.
- Expertise in implementing persistence layer using JPA and Hibernate.
- Excellent knowledge in API Versioning and API documentation using Swagger and Open API Specification 3.
- Extensive experience in various spring modules such as Spring Boot, Spring Security, Spring AMQP, Spring Data JPA and Spring Batch.

SKILLSET:

- **Programming Languages**: Java 8 and Java 11, Java Script (ECMAScript 2016), Type Script
- **Frameworks**: Spring Boot, Spring Data, Spring AMQP, Spring AOP, Spring Cloud, Spring Security
- **Monitoring**: New Relic, AWS Cloud Watch and ELK (Kibana, Logstash, Elastic Search)
- **Cloud Technologies**: AWS (EC2, SQS, SNS, RDS, Cloud Watch, Route 53, IAM, AWS Fargate)
- **Messaging Platforms**: Kafka, RabbitMQ and AWS SQS
- **UI Technologies**: Angular 9, React.JS, Bootstrap, Angular Material UI, NodeJS, SAAS Preprocessors.
- **DevOps**: Jenkins, Docker, Kubernetes, and Elastic Search
- **Relational Databases**: Oracle and Postgres
- **No SQL Databases**: DynamoDB, MongoDB, Cassandra, Redis
- **Build Tools**: NPM, Maven and Gradle
- **IDEs**: IntelliJ, Spring Tools Suite (STS), DBeaver & VS Code
- **Source Code Management**: Bitbucket, GitLab
- **Agile Methodologies**: JIRA & SCRUM framework
- **Integration Systems**: Apache Camel, Spring Integration
- **Application Servers**: Apache Tomcat, Netty, IBM WebSphere
- **Testing Tools**: JUnit, Mockito Rest Assured

EDUCTION:

- Batchers of Information Technology in Computer Science and Engineering from JNTU University, India.

WORK EXPERIECNE:

Pure Storage, Mountainview, CA   **Jan 2021 – Till Date**
Full Stack Java Developer
Responsibilities:

- Involved in all phases of Software Development Life Cycle including requirement, analysis, design, development, testing, release of the project and support.
- Build scripts on AWS cloud for scheduling EC2 auto scaling load balancer with python SDK
- Converted a monolithic app to microservices architecture using Spring Boot using 12 factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in AWS.
- Hands on Java 1.11 full stack with spring boot, Spring Cloud, Spring Security, Spring Data JPA, Spring AOP, and Hibernate.
- Dynamic loading of JSP's using AJAX.
- Built Single Page Applications framework. Built Angular 8 framework including MVC architectures, different modules, templates, custom directives, and custom filters.
- Used Angular 8 framework where data from backend is stored in model and populated it to UI.
- Integration of SEARS Product Management REST API's
- Implementation of Restful web services using Spring REST
- Setup Maven Profiles to connect DEV/QA/PERF/PROD
- Extensively used JAXB parsers to parse XML into objects
- Extensively worked in Test Driven Development (TDD) framework using JUnit.
- Designed and developed the application using agile methodology and followed Test Driven Development (TDD), Scrum.
- Part of team implementing REST APIs in Python using micro-framework like Flask with SQL Alchemy.
- Developed restful Web-services using Django Rest framework in Python.
- Executed parallel browser testing on various machines using Selenium Grid and performed cross browser testing.
- This role will suit you if you thrive on working in a fast-paced environment where your work has high impact

- Consumed SOAP services and parses XML to Java Objects
- Experienced in cloud automation using AWS Cloud Formation Templates, Chef, and Puppet.
- Experience in automating the infrastructure in AWS using web services.
- Deployed spring boot application on AWS Elastic Beanstalk.
- Used Spring Constructor Dependency Injection for injecting the object dependencies.
- Developed Servlets and servlet listeners to communicate between SAP GUI and Smart GWT server side.
- Developed Splunk reports that provide a high-level overview of the Application Health
- Designed and developed the REST based Micro services using the Spring Boot, Spring Data with JPA and used Swagger to interact with API endpoints of the micro services.
- Worked in Integration Systems Such as Apache Camel and Spring Integration.
- Automated the performance testing using JMeter to measure the performance with 100+ active sessions
- Involved in continuous integration and DevOps methodologies such as Docker, Kubernetes, Jenkins, Gradle, Jenkins File, Docker File and Elastic Search.
- Developed story/task by following TDD/BDD and Pair programming concepts.
- Providing daily status in scrum meetings with the client. Mentored new team members on effective usage of the blend of Spring Boot /JPA and Java.
- Deploy enterprise web applications using technologies such as Sencha ExtJS, Java 1.11, JavaScript, CSS3, HTML5.
- Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.
- Performance tuning on JIRA by deleting inactive workflows, screens, field configuration not associated with any project.
- Used React.JS for creating views to hook up models to the DOM and synchronize data with the server as a SPA.
- Working Experience in Messing Platforms such as RabbitMQ, Kafka, AWS SQS.
- Developed web applications running on NodeJS using the Express framework, Vue.js and Backbone.js with Mustache.js for front end MVC/templating.
- Create external tables with partitions using Hive, AWS Athena, and Redshift
- Create user defined functions UDF in Redshift
- I have written the SQL Queries to get the data and update it in the database and to connect databases in the DAO implementation Classes.
- Daily meeting with different IAM teams and report new/pending IAM issues and concerns
- Develop strategic road maps for IAM systems and program
- Having a Strong Experience in continuous integration to deploy changes using Jenkins and automate the tests.
- Helped migrating and managing multiple applications from on premise to cloud using AWS services like S3, Glacier, EC2, RDS, SQS, SNS, SES, Cloud Formation, VPC etc.

Environment: Java8, Spring Boot 2.x, Restful, Spring Cloud, Jax, AWS, Lambda, VPC, Splunk, Cloud Foundry, Angular, Jira, REST API, Kubernetes, Python, Maven, GIT, Docker, IAM Kafka, SOAP, JPA and Microservices.

Palo Alto Network, Santa Carla, CA   **Aug 2018 - Dec2020**
Full Stack Java Developer
Responsibilities:
- The application is built on Microservices Oriented Architecture using MEAN (MongoDB, Express JS, Angular 6.0/7.0 and Node.js 12) stack and developed Responsive Single Page Applications (SPA).
- Designed, analyzed, and developed the front-end and back-end Servlets, Bootstrap for designing, HTML5, CSS3, Angular JS, Ember JS and AJAX for developing presentation layers.
- Developed server-side JavaScript using Node JS.
- Integrated Fisheye/crucible with JIRA and bamboo for the tracking of the issue and continuous integration.

- Experience with NoSQL document-based data stores like MongoDB and have designed various data models for the system.
- Involved on Cucumber testing and defined the test scenarios and created the test cases in Test Manager.
- Designed and built components, templates, dialogs, workflows in AEM
- Installed, configured, troubleshot AEM in development as well as system environment
- Developed the back-end web services using Python and designed the front end of the application using Python, CSS, JSON, Drupal, and jQuery.
- Developed dynamic responsive Web Application by integrating Angular2 with Bootstrap which is further integrated with Web Services and Vue.js.
- Used collections in Python for manipulating and looping through different user defined objects.
- Involved in continuous integration and DevOps methodologies such as Docker, Kubernetes, Jenkins, Gradle, Jenkins File, Docker File and Elastic Search.
- Setup AWS VPC's for dev, staging and Prod environments.
- Experience in working with CI/CD tools like Jenkins and migrating towards GitLab CI CD.
- Implementation of a responsive UI which will scale itself depending on the device, platform, and browser, using React.JS, HTML5, CSS3, Bootstrap and Performed client-side validations using JavaScript.
- Monitored resources and applications using AWS cloud watch including creating alarms to monitor metrics such as EBS, EC2, ELB, RDS, S3 and configured notifications for the alarms generated
- Worked on deploying services on Docker and Kubernetes containers based on events defined.
- Built a highly scalable, low-latency Node-JS API Gateway to interact with MongoDB databases with JSON using Express JS middleware.
- Worked on Test-driven development (TDD) and Behavior Driven Development (BDD) to generate JUnit test cases for testing various Java components.
- DevOps experience with Jenkins, Gradle, GitHub, Artifactory, Maven and Docker.
- Involved in writing Spring Configuration XML file that contains declarations and another dependent object declaration.
- A working understanding of object-oriented programming (OOPS) and design.
- Performed UNIT testing with Junit and used Mocha and Chai for JavaScript framework and Cypress for e2e testing.
- Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) architecture and hibernate.
- Experienced in front-end technologies such as Angular, HTML5 and Bootstrap.

Environment: Java 8, Spring Boot 1.x, Spring MVC, Cloud Foundry, JavaScript, Bamboo, AWS, Big Data, Docker, Jenkins, Oracle, Cucumber, Gradle, RabbitMQ, Agile, Maven, JSON, and GitHub.

Genentech, South San Francisco, California   **Sep 2016 – Jul 2018**
Full Stack Developer
Responsibilities:
- Used Java 1.8 Lambda expressions and Stream API to support functional-style operations on streams of elements.
- Worked on Java functional programming concepts like Streams, Functional Interfaces, new date time API and lambda expressions.
- Used Java 1.8 Lambda expressions and Stream API to support functional-style operations on streams of elements.
- Implemented JMS Listener on MQ, routing functionalities and invoking corresponding web service using Apache Camel.
- Core Java with Concurrent API is used extensively for parallel processing and chunk processing.
- Apache camel Kafka end point used to publish trade flow to Apache Kafka
- Developed component send trade data to Rest Endpoint to capture enriched data. Response from Rest Endpoint publishes to MQ using Apache Camel

- Used Angular router and implemented module wide routing and created different forms using Angular data driven and template driven forms.
- Developed Angular Components, Services, and Filters and took part in developing unit test and integration test cases using Jasmine, Karma.
- Consumed REST services using Angular HTTP and performed various REST Http operations for data retrievals and updates.
- Implemented Cloud capabilities like Centralized Configuration, Load Balancing, Service-to-Service call using Feign, Service Registry and Discovery using Eureka in Spring Cloud.
- Used Spring Boot which is radically faster in building cloud Micro Services and develop Spring based application with very less configuration.
- Developed Micro services & APIs using Spring Cloud, Spring Security, Spring Boot, Spring Integration.
- Spring JDBC used retrieve and update, inserting data in oracle database with use of stored procedures.
- Oracle Coherence used to store Reference Data.
- Used Apache Maven as a build tool for building the Restful web-service

Environment: Java 1.8, concurrent package, lambda expressions, streams, J2ee, Webservices, JMS, XML (Dom, Sax, Xpath, XSLT), IBM MQ, Kafka 2.0, Spring Boot, Apache Camel 2.2, Spring Batch, Spring Data JPA, Jprofiler, Eclipse, Jenkins, Confluence, Jira, Swagger, Maven, Windows, Linux, DB2, SQL Server.

Wellington Management - Boston, MA   **Oct 2013 – Aug 2016**
Full Stack Developer
Responsibilities:
- Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
- Developed UI component with AngularJS framework by utilizing the core features like MVC pattern and Dependency Injection.
- Developed the back-end web services using Python and designed the front end of the application using Python, CSS, JSON, Drupal, and jQuery.
- Used collections in Python for manipulating and looping through different user defined objects.
- Used Multithreading to improve the performance for processing of data feeds.
- Implemented AngularJS Data Binding capability in HTML5 to give users a rich and responsive experience.
- Used jQuery to modify DOM elements content by using a cross-browser selector engine called Sizzle.
- Developed and implemented the MVC Architectural Pattern using Spring Framework and used Spring IOC container to maintain core Objects Lifecycle.
- Implemented test driven development (TDD), executed unit test plans and Grails Spock Test cases for all existing controllers, Services and Domain classes and Grails Pagination to display data using Grails Templates and views.
- Implemented Spring Security for user authentication, limit login attempts and password hashing.
- Developed Web Services (SOAP) using Spring-WS to handle user requests and interact with other components.
- Developed Microservices using Spring Boot and Spring Batch that create, update, delete and get the assignment information from the backend.
- Implemented Spring Boot Microservices to divide the application into various sub modules.
- Implemented Web Services clients for APIs by using Spring Webservices Template class.
- Used parsers like SAX and DOM for parsing xml documents and XSLT for XML transformations.
- Designed and Developed Stored Procedures, Triggers in MS SQL to cater the needs for the entire application. Developed complex SQL queries for extracting data from the database.

Environment: JavaScript, Java/J2EE, JBoss, Spring Core, Spring MVC, JMeter, Hibernate, AngularJS, Backbone.JS, HTML5, CSS3, RESTful web services, Node.JS, Bootstrap, JMS, jQuery, Jenkin, Oracle, AWS, Microservices.

IGATE, India.   **Aug 2012 – Sep 2013**
Software Developer
Responsibilities:

- Used the lightweight container of the Spring MVC Framework to provide architectural flexibility for inversion of controller (IOC).
- Involved in the complete Software Development Life Cycle (SDLC) phases such as Requirement Analysis, Design, and Implementation of the project.
- Used Spring Framework for dependency injection.
- Implemented and deployed several EJB (Session and Entity).
- The front end of the project is designed on MVC architecture using struts, Tiles frameworks.
- Involved in Configuring tiles-def.xml, web.xml and struts-Config.xml according to the strut framework.
- Used LOG4J for error logging at the development box and used ANT for building the deployable EAR/WAR components.
- Used Web Sphere Application Server for deploying various components of application.
- EJB's were running under the hood of Web Sphere container/server.
- Implemented Back-office loan services and web applications using Session Façade, Service Locator, Data Access Objects, Business Delegate, MVC, Front Controller and Data Transfer Object design patterns.
- Created DB2 SQL Procedures, Functions & Stored Procedures, Nested Tables, Cursors, DB2 Packages, Reports & SQL Functions for Reports.
- Developed the application using RAD model.
- Worked with VSS Version control in order to create virtual library of computer files.

Environment: Java 1.4, JSP2.0, Servlets2.4, EJB2.0, Struts1.2, Spring 2.0.3, JDBC3.0, Design patterns, Html, XML, CSS, Log4j, Ant, Web services, RAD6.0, IBM Web Sphere server6.1, IBM DB29.0, VSS.