**Sathvik Kethineni**

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**SUMMARY:**

* 7+ years of experience in analysis, design, development, documentation, implementing and testing of software systems in Java, J2EE and Internet technologies.
* Extensive Knowledge on Application Development using Software Development Life Cycle (SDLC) methodologies like Waterfall, Agile/Scrum.
* Extensive experience in application development using Java, J2EE, JDBC, Servlets, JSP, JNDI, JMS, EJB and Struts Framework.
* Extensive knowledge and implementation experience in Spring, Spring JDBC, Spring MVC, Spring Security, Spring AOP and Spring Boot microservices.
* Excellent hands-on experience on ORM Tools – Hibernate, Ibatis, MyBatis and JPA.
* Excellent hands-on experience in developing SOAP & RESTful based Web Services using WSDL, JAX-WS, CFX, Axis, Jersey tools.
* Experience in implementation of Java-Multithreading, collections, Servlets and JDBC.
* Hands on experience in implementation of Java messaging APIs using JMS, RabbitMQ.
* Excellent understanding and application development of xml technologies like XML, XSD, XSL, SAX, DOM, JAXB.
* Strong experience in Front-End UI development skills using scripting languages like HTML5, DHTML, CSS, JavaScript, JSON, AJAX, Angular 7/8, Bootstrap, Tag Libraries, JSTL, jQuery with Standard Validations.
* Hands on experience with build and deployment tools including Ant, Maven, Gradle, logging and Debugging using Slf4j and Log4j, unit and integration testing using JUnit.
* Sound in RDBMS concepts and extensive knowledge on design database schema and writing SQL queries, PL/SQL procedures, functions, triggers and packages.
* Proficient in preparing use case design, class and sequence diagrams using OOAD and UML.
* Experience in using IDE Tools – Eclipse, STS, My Eclipse, Net beans, IntelliJ and TOAD.
* Have exposure to version control Tools SVN, CVS, TFS, Git.
* Experience in using Docker and Kubernetes for non-prod and prod deployments.
* Experience on Amazon AWS, EC2, S3 and cloud front.
* Hands on enough experience in developing building tools like Maven, Gradle.
* Good implementation knowledge of J2EE Design Patterns.
* Extensive experience in developing and deploying applications on Application Servers such as BEA Web Logic, Web Sphere, JBoss and web servers like Apache Tomcat 8.
* Excellent capability to explore, learn and understand newer business domains and technology.
* Self-motivated, willing quickly to learn and adapt to new technologies.
* Showcased great interpersonal skills in maintaining great atmosphere within the team situated in different time zones and enhanced vendor-client relationship.

**TECHNICAL SKILLS:**

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| Programming Languages | Core Java, J2EE, PL/SQL. |
| Web Technologies | JSON, JSP, HTML, HTML4/5, CSS, DHTML, JavaScript, Angular JS,  AJAX. |
| XML Technologies | XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB. |
| Web/App Servers | Apache Tomcat 4.0/5.0/6.0/8.0, Web Logic 8.1/9.1/10/11/12,  Web sphere 7.0/8.0 & RAD 8.5, JBoss |
| IDE | Eclipse, Net Beans, Red Hat Developer Studio, WSAD, IBM RSA  development IDE, IntelliJ |
| Tools | Splunk, Jenkins, WebEx, TOAD, Xml Spy, Ant, PL/SQL Developer,  JUnit, JMock. |
| Operating systems | Windows, UNIX, Linux, and MS-DOS. |
| Databases | Oracle 8i/9i/10g/11g/12c, My SQL, MS SQL Server, PostgreSQL, DB2. |
| Frameworks | Struts, CSS Frameworks, Spring (Dependency Injection, Spring MVC, Spring Access, DAO, Factory Pattern, Core, Spring Context,  Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, Spring Security, Kubernetes, Kafka. |

**PROFESSIONAL EXPERIENCE:**

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| **Anthem Inc, Los Angeles, CA. Jan 2022 - Till Now**  **Role: Full Stack Java Developer.** |

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Involved in the development using Java/J2EE Technologies, Web Services and Hibernate ORM Framework.
* Designed and developed Microservices using REST framework and Spring Boot and used Bootstrap along with AngularJS in creating the Application.
* Developed the responsive UI web pages using XHTML, jQuery, HTML5, CSS3, AngularJS, JavaScript and has worked with AngularJS filters in expressions and directives to filter data in the UI.
* Microservices have been built using spring boot, Netflix OSS, Spring cloud
* Application and developed cross browser and multi browser compatible web pages using HTML5, CSS3, and Bootstrap.
* Experience in handling, configuration and administration of database like MySQL and NoSQL database like MongoDB and Cassandra.
* Experience in working with database like MongoDB, MySQL and Cassandra.
* Strong MYSQL and MongoDB administration skills in Unix, Linux and Windows.
* Implemented code according to create AngularJS Controller, which isolate scopes perform operations.
* Implemented REST based web services using JAX-RS annotations, Jersey provider and consumed using HTTP services from Angular modules.
* Developed Hibernate with Spring Integration as the data abstraction to interact with the database of Mongo DB. Used Orchestration container Kubernetes for load balancing and to schedule the tasks across the computer cluster and load balancers for backend API services.
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOA.
* Developed multistage Kubernetes for micro services and deployed them into EC2 instances.
* Used AWS SQS and Amazon MQ for async communications and alerts.
* Deployed and monitored the J2EE applications based on ADF framework in WebLogic.
* Migrated the on-Prem application based on ADF framework to AWS cloud
* Achieved the continuous Integration (CI) and continuous deployment (CD) by committing the code on regular basis along with test cases and deploy it to different environments at same time.
* Developed unit tests with JUNIT and Mockito. Write automated regression tests using JMeter.
* Developed build tasks to run the unit tests on Jenkins and maintaining separate build in Maven for the module for easy integration to the portal build and configure with Jenkins.
* Worked closely with QA team and fixed QA bugs with a quick turnaround time.

**Environment:** Java 1.8, Spring 5.2, multi-threading, Spring Boot, Kafka, Core Java, Micro services, Hibernate 4.0, Bit bucket, Kubernetes, RESTful Web Services, AWS SQS, EC2, Maven, JUnit, Mockito, BDD, JIRA, Confluence, Box, Postman, Eclipse, IntelliJ, SQL Developer.

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| **Client: Microsoft Corporation, Seattle, WA June 2020 - Dec 2021**  **Role: Full Stack Developer /Java developer** |

**Responsibilities:**

* Actively involved in analysis, design, specification and implementation and testing phases of Software Development Life Cycle (SDLC)
* Actively participated in the daily SCRUM meetings with our team to produce quality deliverables within time.
* Refactored existing monolithic application by identifying components that needs to be transformed to Micro- services architecture, with Spring Boot-based services interacting through REST.
* Designed user interface for the product of gift cards using Angular JS, jQuery, CSS3, HTML5 and JavaScript.
* Produced client-side validation through JavaScript and Ajax for asynchronous communication.
* Worked on React JS Virtual Dom and React views, rendering using components which contain additional components called custom HTML tags.
* Experience in design and developing applications leveraging MongoDB.
* Worked on MongoDB database concepts such as locking, transactions, indexes, sharding, replication, schema design.
* Worked on creating documents in Mongo databse.
* Experienced in developing React components. Used Axios with ReactJs for making AJAX Calls
* Used Java 8 Lambda expressions along with streams for creating internal iteration and performing chain operations such as Filter, Map, collect on a collection object.
* Developed batch jobs using Spring boot batch to schedule on daily, weekly basis.
* Used GitHub to maintain the version of the files and took the responsibility to do the team code reviews, merges from branch to trunk and creating new branch when new feature implementation starts.
* Developed microservices using Spring boot multi module project compatible for internationalization and it supports JPA approach to integrate database.
* Created a Continuous Delivery process to include support building of Docker Images and publish into a private repository.
* Provisioning infra for the microservice. Creating SGS, S3 buckets, Alb, ec2, autoscaling groups, and launch configurations through the Jenkins pipeline.
* Built AWS S3 buckets and managed policies for S3 buckets to store, retrieve, and backup files.
* Utilized AWS Lambda platform to upload data into AWS S3 buckets and to trigger other Lambda Functions including AWS EC2 focusing on high availability, fault tolerance, and auto-scaling.
* Used Swagger API developer tool for Open API Specification, enabling development across the entire API life cycle, from design and documentation, to test and deployment.
* Involved in Angular Web application development to implement components, services and custom routing.
* Implemented TDD(Junit) and BDD (cucumber) approach implementation for all microservices.
* Implemented Angular JS Data Binding capability in HTML5 to give user a rich and responsive experience.
* Used Jenkins for CI/CD, GIT as version management, JIRA for defect management system.

**Environment:** Java 8, HTML5, CSS3, JavaScript, React, Redux jQuery, Bootstrap, AngularJS, Agile (SCRUM), Spring Core, Spring Boot 2.x, Hibernate, JPA, JDBC, Docker, GIT, JUnit, Maven, Restful, JAX-RS, Log4J, AWS, Swagger, Microservices, JIRA, Jenkins, Kibana, Amazon EC2, S3, Load Balancers, REST, POSTMAN

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| **Client: Minimus, Newbury Park, CA. Jan 2019 - May 2020**  **Role: Full Stack Developer** |

**Responsibilities:**

* Followed Agile methodology and involved in daily SCRUM meetings, sprint planning, showcases, retrospective.
* Designed front-end pages using HTML5, CSS3, JavaScript, Bootstrap, jQuery, TypeScript, Angular, for interactive cross browser functionality, complex user interface and using AJAX to build responsive, dynamic pages.
* Worked with Angular CLI and Typescript in Angular7 to create Angular components. Created arrange loop directive and components like data binding, dependency injection in Angular 7.
* Created architecture towards a Microservices approach using RESTful Web-Services by using Spring Boot.
* Used Hibernate JPA, Object/Relational-Mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL based schema.
* Database development required creation of new tables, MS-SQL Stored Procedures, Views, Indexes and Constraints, Triggers and required SQL tuning to reduce the response time in the application.
* Used Stored Procedures for applications that needed to execute as part of a scheduling mechanisms.
* Deployed Spring Boot based micro services Docker container using AWS admin console.
* Experience in deploying, managing and developing MongoDB clusters.
* Familiar with Clusters, Performance tuning, backup and recovery.
* Used Micro service architecture with Spring Boot-based services interacting through a combination of REST and Apache Kafka message brokers.
* Worked on JUnit Test Cases with Mockito, Integration tests and Jasmine Test Cases.
* Configure Jenkins build Jobs CI/CD.
* Experience with building Docker Images and running them on Docker container.
* Developed fact classes and rules file in JBoss Drools rule engine to customize EPA emails.
* Followed Agile methodology and involved in daily SCRUM meetings, sprint planning, showcases, retrospective.
* Designed front-end pages using HTML5, CSS3, JavaScript, Bootstrap, jQuery, TypeScript, Angular, for interactive cross browser functionality, complex user interface and using AJAX to build responsive, dynamic pages.
* Worked with Angular CLI and Typescript in Angular7 to create Angular components. Created arrange loop directive and components like data binding, dependency injection in Angular 7.
* Created architecture towards a Microservices approach using RESTful Web-Services by using Spring Boot.
* Used Hibernate JPA, Object/Relational-Mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL based schema.
* Database development required creation of new tables, MS-SQL Stored Procedures, Views, Indexes and Constraints, Triggers and required SQL tuning to reduce the response time in the application.
* Deployed Spring Boot based micro services Docker container using AWS admin console.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor applications.
* Used Micro service architecture with Spring Boot-based services interacting through a combination of REST and Apache Kafka message brokers.
* Worked on JUnit Test Cases with Mockito, Integration tests and Jasmine Test Cases.
* Developed fact classes and rules file in JBoss Drools rule engine to customize EPA emails.

**Environment:** Java 8, Core Java, Spring 4.x, Hibernate 4.2, Spring batch, Spring Security, Spring JTA, Spring Boot, JPA, JavaScript, Angular JS HTML5.0, CSS3, Rabbit MQ, - AWS Services, Docker, Jenkins, RESTful, log4j, JUnit, XML, Web Services, GIT, microservices, Maven, Multithreading

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| **Client: Log iSOFT, India Jan 2017- July 2018**  **Role: Java Developer** |

**Responsibilities:**

* Involved in the design, development and deployment of the Application using Java/J2EE Technologies.
* Developed Application in Jakarta Struts Framework using MVC architecture.
* Customizing all the JSP pages with same look and feel using Tiles, CSS (Cascading Style Sheets).
* Involved in coding for the presentation layer using Apache Struts, XML and JavaScript.
* Used the lightweight container of the Spring Framework to provide architectural flexibility for inversion of controller (IOC).
* Installed MongoDB, configured, setup backup, recovery, upgrade and tuning and data integrity.
* Worked on creation of databases, collections and deployed javascripts using mongo shell.
* Used Spring AOP for cross cutting concerns and IOC for dependency injection.
* Implemented J2EE design patterns viz. Façade pattern, Singleton Pattern.
* Extensively used Hibernate in data access layer to access and update information in the databases.
* Implemented Connection Pooling for database connectivity, transaction and retrieval queries using SQL with the backend Database.
* Extensively involved in database activities like designing tables, SQL queries in the application and maintained complex reusable methods which implements stored procedures to fetch data from the database.
* Used SVN for version control.
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and those defects are resolved.

**Environment:** Java 5, J2EE, JSF 1.2, EJB 2.0, JNDI 1.2, Hibernate 2.1, Spring 2.0, Struts 2.0, HTML, JavaScript, XML, CSS, JUnit, UML, MQ Series, Web Services, REST & SOAP ,Perl, WSDL , UDDI , Ajax, JUnit, Ant, Eclipse 3.3, IBM Web Sphere 6.1, DB2, subversion, Linux.

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| **Client: DSQ Software, Hyderabad, India. May 2015 - Dec 2016**  **Role: Software Developer** |

**Responsibilities:**

* Involved in requirements gathering, analysis, design and testing of the complete system.
* Developed Servlets and Java programs for the integration of components and for the launching of WebPages.
* Involved in creation of tables, Stored procedures as per the requirements.
* Used Apache Tomcat Server for deploying the web components.
* Preparation of test plans and testing the LMS for any changes and involved in developing the functionality as per use case documents for various modules of the application.
* Development of several screens using HTML, CSS, JavaScript, JSP and Servlets.
* Developed summary module using view controller architecture.
* Involved in unit and integration testing and in designing for the DB schema.
* Responsible for understanding the requirements and existing functionality of the system by communicating with business analyst.
* Responsible for fixing the production issues and supported the application after pushing to the production.
* Implemented database interactions using JDBC with back end as oracle.

**Environment:** Servlets, JSP, JDBC, Oracle, Web Services, HTML, Log4j, Eclipse, Maven, Eclipse Junit