**Amulya Komatineni**

Sr. Java/J2EE Full Stack Developer

**SUMMARY:**

* 6 years of experience in design, development, documentation testing and production related applications in **Healthcare, Banking and Product-Based** Domain.
* Experience in **Agile** software dev process, **TDD** and **Scrum** methodologies as Part of **Scrum, Sprint review, Retrospection**, **Grooming** and **Virtual Closure** meetings as part of **Agile**.
* Developed applications using **Java8** features like **lambda expressions and functional interfaces**.
* Proficient in developing front-end systems with **JavaScript**, **ReactJS**, **jQuery**, **Ajax**, **Bootstrap**, **HTML5**, **CSS3, Tag Libraries, Custom Tags** and JavaScript frameworks such as **Angular 2/4/6, NodeJS.**
* Hands on experience with **Core Java** with **Multithreading**, **Concurrency**, **Exception Handling**, and **Java Collections.**
* Developed web-based controllers using **Java, J2EE, Web Services (REST), MVC framework (Spring MVC), and MySQL.**
* Hands on Experience on **MVC Framework and** **Hibernate** to connect with backend databasefor large scalebased enterprise Applications.
* Used **Microservice** with **Spring Boot** through a combination of **REST** and **Apache Kafka**
* Developed **Microservices** applications using **Spring Core, MVC, DAO, ORM, Spring Zulu, Spring Eureka, Spring Hystrix, Spring Ribbon.**
* Hands on experience on **Amazon Webservice** provisioning and good knowledge of **AWS** services like **EC2, S3, Elastic Beanstalk, ELB (Load Balancers).**
* Building and deploying **applications** to various environments using **Jenkins** by following **Continuous Integration and Continuous Deployment (CI/CD)** pipeline.
* Experience in working with messaging services like **Kafka** and **REST** API’s to pull and push **Metadata** from **Apache Atlas** using **Java** Connectors.
* Good knowledge of database connectivity (Data Source) for **SQL** databases like **Oracle, PL/SQL and NoSQL like MongoDB.**
* Experience with Version Control tools like **GIT** and build tools like **MAVEN** and **Gradle**.
* Experience in writing **JUNIT** test cases as well as **Selenium** test cases to make sure the UI changes are reflected correctly or not.
* Experience with Integrated Development Environments like**Eclipse** and I**ntellij** and **STS.**
* Experience in deploying applications/Portlets on **Tomcat, and WebLogic**servers.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java 1.7/1.8, |
| **UI Frameworks** | HTML, CSS, JSP, jQuery, Ajax, Bootstrap, AngularJS |
| **Java/J2EE Technologies** | JMS(Kafka), Multithreading, JSP, Spring, Hibernate, Liferay |
| **Application/Web Servers:** | Tomcat, WebLogic |
| **IDEs** | IntelliJ, Eclipse, STS |
| **Web Services** | REST, Post Man |
| **Web technologies** | JavaScript, AJAX, CSS, HTML, Angular 2/4/6 |
| **Methodologies** | Agile, Scrum |
| **Database Servers** | MySQL, Oracle 11g |
| **Version Control** | GIT, SVN |
| **CI Tools** | Jenkins |
| Build Tools | Maven and Gradle |
| Testing Technologies | JUnit, Selenium |

**PROFESSIONAL EXPERIENCE:**

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| **Client:** | **Optum, Winooski VT** |
| **Role:** | **Sr. Java/J2EE Full Stack Developer** |
| **Duration** | **October 2018 –Till Date** |

**Project Summary:** The project involved a full life cycle implementation of a Health Insurance Portal for people to enroll into different insurance plans. The project is following and maintains secure FISMA (Federal Information Security Management Act) environment standards. The entire Health Insurance Portal application is integrated with different internal applications like SOA, and IDM for SSO Authentication. This project is mainly for maintaining and enhancing health insurance portal features.

**Responsibilities:**

* Actively involving in Analysis, Design, Development, System and UAT Testing.
* Working as per **Agile** Methodology **(Scrum)** to meet customer expectation and timelines with quality deliverables for each quarter.
* Upgraded existing UI with **HTML5, CSS3, jQuery** and **Bootstrap** with **Angular 6.**
* Used **JavaScript** and **jQuery** for validating the input given to the user interface.
* Developed **Single page application** and structured JavaScript code using **Angular** framework including **MVC** architectures, different modules, specific controllers, templates, custom directives, and custom filters.
* Experience in developing **Custom Elements, APIs, Template** using **Angular 6**.
* Experience in creating **Pipes**, **HTTP Client** to fetch external data using **Angular 6**.
* Used **Java8 Lambda expressions** to facilitate functional programming and for simplifying the development.
* Used **Java8 Stream API** for Parallel execution in the Collections framework module of core java.
* Developed **REST webservice using Jersey** which produces **both XML and JSON** to perform tasks, leveraged by both web and mobile applications.
* Experienced in React JS and worked with React Flux architecture.
* Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* **RESTful webservices** using Jersey for JAX-RS implementation.
* Developed **Microservices** using **Spring Boot,** **Spring Cloud** with **Netflix Eureka** to create the discovery Server, service, discovery clients and integrated **Apache Kafka** and **Zookeeper** as message broker.
* Developed **microservices** with **Spring** to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced and exposed through one **API gateway**.
* Developed microservice with **Spring Eureka** to retrieve API routes and Implemented **Spring Circuit breaker** pattern, integrated **Hystrix** dashboard to monitor Spring microservice.
* Used **SPRING ORM** module for integration with Hibernate for persistence layer.
* Used **Spring Boot** **Actuato**r to externalize application's configuration properties for various environments.
* Developed persistence service using **Hibernate** framework and used **OJDBC** driver to connect to database from JAVA application.
* Created **Hibernate mapping files** and generation of database schema to display data.
* Extensively used **Hibernate Mappings**, **HQL**, **Query, Criteria, Lazy Loading Transactions** and **Locking’s.**
* Worked on creation of **Docker container images**, **tagging, pushing images, integrating Spring boot**, created the **Docker containers** and **Docker consoles** for managing the application life cycle.
* Utilized **AWS Lambda** to upload data into **AWS S3** buckets and to trigger **Lambda** Functions Including **EC2.**
* Developed **Spring Bach** for **AWS S3** rules like User Creation, Folder Permission, and deletion of file.
* Installed **MongoDB,** configured, setup backup, recovery, upgrade and tuning and data integrity.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication, schema design.
* Used **SELENIUM** suite too to test the web app to reflect the recent UI changes.
* Development and Validations are done through **Intellij, POSTMAN** and **STS**.
* Used **SOAP UI** for Functional Testing, Performance Testing, Regression Testing and to test **REST & SOAP.**
* Experience in using **GIT**, and **SVN** for project management and version management.
* Used **Maven** to build and generate code analysis reports and **JENKINS** for CICD.
* Used **JIRA** for defect tracking and project management.
* Working on deploying the application/Portlets in **Tomcat** and **WebLogic** servers

**Environment: Agile, Scrum, Java8, Spring MVC, Hibernate, REST, HTML, CSS, JavaScript, Angular 6, AJAX, JENKINS, POSTMAN, MySQL, React JS, Selenium, WebLogic, Junit, Log4j, STS, AWS.**

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| **Client:** | **Master Card, St. Louis MO** |
| **Role:** | **Java Full stack Developer** |
| **Duration** | **January 2018–September 2018** |

**Project Summary:** Master Card is a finance company. It has few clients like Google, Facebook and merchants like Walmart. Our project is Push Payments mainly dealing with the payments. Our project is processing the actual payment, and transfer. We have also a portal module through the portal every person will get the access. Authenticated person only will make the payment, and transfer.

**Responsibilities:**

* Worked as Java Developerin developing two different Web-based applications and followed **Test-Driven Development (TDD)** and **Agile** methodology.
* Developed Interactive web pages using **HTML5, CSS3 and JavaScript.**Develop various screens for the front end using **Angular 4** and used various predefined components.
* Extensively used **Angular 4, Filters, Services** to support Desktop and mobile versions.
* Used **React JS** to develop the user interface for digital and mobile applications.
* Work in using **React JS** components, forms, events, keys, router animations and flux.
* Responsible for Building applications using **React JS** which allowed us to render pages on both the client and server using the same codebase
* Used **Bootstrap** to create responsive web pages, which can display in diff screen sizes.
* Used **Multithreading** to develop classes in programming to improve overall performance.
* Developed using new features of **Java8 annotations, Generics**, enhanced for loop and Enums.
* Used **Spring DI**, **annotations, and MVC** to implement business layer and navigation part of application.
* Developed microservice with **Spring Eureka** to retrieve API routes and Implemented **Spring Circuit** pattern, integrated **Hystrix** dashboard to monitor Spring microservice.
* Used **Microservice** with **Spring Boot** through a combination of **REST** and **Apache Kafka**.
* Configured **Swagger-UI** registered **Microservice** with **Eureka** to monitor services from **Spring Boot** console.
* Developed **REST webservice using Jersey** which produces **both XML and JSON** to perform tasks, leveraged by both web and mobile applications. **RESTful webservice** using Jersey for JAX-RS implementation.
* Developed Spring boot application with microservice and deployed it into **AWS** using **EC2**.
* Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other **Lambda** Functions **Including EC2, MongoDB** focusing on high-availability, fault tolerance, and auto-scaling.
* **MongoDB** is used to develop dynamic queries on documents using a document-based query language.
* Implemented persistence layer using **Hibernate** that uses POJOs to represent DB tuples.
* Experience in persistence framework**Hibernate**for mapping java classes with Database.
* Experience working on **Docker Hub**, creating **Docker images** and handling multiple images primarily for middleware installations and domain configurations
* Performed code build and deployment using **Maven** and **Jenkins.**
* Created tables and worked on **MySQL** and **PL/SQL** to write functions and packages for complex Inserts and updates in the database.
* Developed test cases and performed unit testing using **JUNIT** Test cases**.**
* Used **SOAP UI** for Functional Testing, Performance Testing, Regression Testing and to test **REST & SOAP.**
* Developed test scripts in **Selenium Web Driver**for the front-end UI using Java Language.
* Used version control repository **GIT** and **JIRA** for issue tracking.
* Experience in deploying applications in **Tomcat** server.

**Environment: Java8, Agile, Angular 2/4, React JS, AJAX, CSS, Bootstrap, HTML, Kafka, XML, Zookeeper, JAXB, MySQL, Tomcat, Maven, Jenkins, Selenium, Junit, GIT, JIRA, AWS.**

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| **Client:** | **Liberty Mutual Insurance, Dover, NH** |
| **Role:** | **Java/J2EE Developer** |
| **Duration** | **January 2017–December 2017** |

**Project Summary:**

Liberty Mutual is an insurance company which offers auto & vehicle insurance, property insurance, life insurance and other insurances where user can manage their policies and file claims online. Company have few external partners where they upload and download necessary data. Our project is to process the transfer of file. Customer and Admin portals are used to trace and configure the transfer. Web Based File Transfer (WBFT) is developed to interact with liberty mutual teams by external trading partners using user interface.

**Responsibilities:**

* Followed **Agile software development** paired programming, Test Driven Development, and Scrum meetings.
* Used **JavaScript** and **jQuery** for validating the input given to the user interface.
* Developed presentation screens by using **JSP, HTML** and **JavaScript**.
* Used various **jQuery** and **Bootstrap** plug-in like **date picker, Bootstrap** selectors, and **Gulp** as a task runner.
* Used advanced **Java 8** features like **Lambda Expressions** Streams, Filters. Enhanced concurrency methods etc.
* We used **Multithreading** in this application to improve the performance.
* Used **Spring DI**, **annotations, and MVC** to implement business layer and navigation part of application.
* Used **SPRING ORM** module for integration with Hibernate for persistence layer.
* Developed **REST webservice using Jersey** which produces **both XML and JSON** to perform tasks, leveraged by both web and mobile applications. **RESTful webservice** using Jersey for JAX-RS implementation.
* Used Hibernate Annotations to reduce time at the configuration level and accessed Annotated bean from **Hibernate DAO** layer.
* Used **HQL** statements and procedures to fetch the data from the database
* Used **Maven** for compilation and building JAR, WAR and EAR files.
* Used **JENKINS** to build WAR files and deploying into higher environments.
* Used **GIT, SVN** as a version control tools and **JIRA** for tracking issues.
* Developed and prepared test cases for unit testing with **JUnit.**
* Deployed application in **Tomcat** and developed using **Eclipse/STS**.

**Environment: JavaScript, Java8, HTML, CSS, jQuery, AJAX, SOAP, Apache, Spring, Hibernate, JMS, Multithreading, MySQL, Maven, Log4j, JUnit.**

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| **Client:** | **ICICI Bank, India** |
| **Role:** | **Java Intern** |
| **Duration** | **January 2014–November 2015** |

**Project Summary:** The IBS is a part of ICICI Bank, which mainly deals with the Internet banking. Internet banking systemallows customers of ICICI bank to log on to online Internet banking to access their account to view the balance and other banking services. The other features are personalizing one’s account, change of account password, request for check book etc.

**Responsibilities:**

* Involved in understanding and analyzing the **Software development life cycle** requirements of the project.
* Implemented server-side programs by using **Servlets** and **JSP**.
* Designed, developed and User Interface using **HTML, JavaScript, AJAX** and **CSS**.
* Used **JavaScript** to perform Client-Side Validation.
* Implemented using the **MVC** design pattern.
* Used **JDBC** to interact with the underlying **MySQL** Database.
* Deployed Applications on **Apache Tomcat** Server.
* Involved in **Unit testing** for various components.
* Used **Log4J** for any logging purposes during the development of the application.

**Environment: Java, J2EE, JSP, Servlets, JDBC, HTML, CSS, JavaScript, AJAX, Eclipse, JUnit, MVC, Apache Tomcat and MySQL.**