**Lakshmi Allamneni**

**Senior Java Full Stack Developer**

[**mounikaallamneni@gmail.com**](mailto:mounikaallamneni@gmail.com)

**(940) 312-1044**

**LinkedIn:** [**https://www.linkedin.com/in/mounika-allamneni/**](https://www.linkedin.com/in/mounika-allamneni/)

**Professional Summary:**

* Over 10+ years of extensive IT experience in developing, design, analysis, testing of various web based, SOA based and client/server applications in multi-platform environments with JAVA/J2EE technologies, Involved in all phases of Software Development Life Cycle (SDLC).
* Strong Programming Skills in design and implementation of multi - tier applications using J2EE, Servlets, JSP, Struts2, Spring, HTML, JavaScript, Ajax, jQuery, CSS, JAXB.
* Extensive experience in developing web user interface using HTML, CSS, Java Script, JQuery, Angular 2/4/6/8/9/12, React, Bootstrap, Type Scripts that follows W3C Web Standards, cross browser compatible and responsive
* Experience in using various AWS Components like EC2 for virtual servers, S3 and Glacier for storing objects, EBS, Cloud Front, Elastic cache and Dynamo DB for storing data .
* Strong experience in configuring backend using various Spring frameworks features such as Spring MVC, Spring AOP, Spring IOC, Spring Boot, Spring ORM and Spring Security.
* Expertise in developing data models using Hibernate Object relational mapping (ORM) frame work and used Hibernate Annotations to reduce time at the configuration level.
* Expertise in open source libraries like Angular Material, redux-thunk to create customized components.
* Expert in developing enterprise web-based application based on Java technologies using J2EE, J2SE, EJB, Java Servlets, JSP, Struts, Java Beans, JMS, JNDI, ANT and Apache Maven.
* Extensive experience in GUI, Regression, Functional, Integration, System, User Acceptance UAT, Sanity, Performance, Stress, Reliability, compatibility, Cross Browser, Security and Database Testing
* Experience in developing server side code with good knowledge of enterprise and persistence design patterns like Singleton, Factory, Prototype, and Business Delegate, Session Facade, and Service locator, DAO, ORM, MVC, IOC and AOP.
* Experiences in major web application server like Apache Tomcat, Apache Camel, JBoss, WebLogic.
* Main focus was on seamless integration of the portal messages across the business partners.
* Experience in writing database objects like Stored Procedures, Functions, Triggers, PL/SQL packages for Oracle, SQL Server and MongoDB.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Strong experience in working with Database like Oracle and proficiency in writing complex SQL Queries.
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like Spring Boot.
* Experience with distinctive design patterns like Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller, DAO and MVC.
* Excellent understanding of Object Oriented design methodology and Core Java concepts.
* Extensive experience in developing applications using Java, Java Beans, JSP, JSF, Servlets, Apache Struts framework, Spring MVC framework, EJB, JDBC, JNDI, Spring, Hibernate, Ajax, J Unit, Test Driven Development and Oracle.
* Experience in web services technologies like REST, SOAP, WSDL, JMS and Service Oriented Architecture (SOA).
* Handful of experience in Oracle Installations, Upgrades, Patches, Critical Patch Updates (CPU) in various environment ranging from 9i/10g/11g/12c.
* Experience on UNIX/LINUX Shell Scripting and Deployment of Applications in Server.
* Decent Experience in using code repository tools GIT, Tortoise SVN, and Visual Source Safe.

**Technical Skills:**

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| Languages | Java, Java Script, JSP, UML, WSDL, HTML, CSS, JQuery, PL/SQL, Perl, Python and Shell Scripting. |
| Java Technologies | Java, J2EE, JDBC, Hibernate, JSF, XML Parsers, JSP, Servlets, Portals, EJB, JMS, Java Swing, Struts, Spring Framework, Java Beans, Web Services. |
| Web Technologies | JavaScript, HTML, XML, XSL, XSLT, SOAP, Angular JS, Angular 2/4/6/8/9/12, Node JS, React JS, JSON, Restful web services (API), Junit. |
| Database | Oracle, SQL Server, My SQL, PL/SQL, PostgreSQL, NoSQL, Mongo DB. |
| Tools | Tortoise SVN, TOAD, SQL Developer, Sub Version, SOAP UI, GitHub, Splunk, Jfrog, UDeploy, Fortify Scan and Black duck Scan |
| Lifecycle Methodologies | OOAD, Waterfall Model, Agile, Test Driven Development(TDD) |
| Defect Tracking Tools | JIRA, Bugzilla, Intercept, Jasper. |
| Frameworks | Spring, Spring MVC, Spring Boot, Spring Batch, Spring JDBC, Spring Security, Hibernate, Struts, EJB |
| IDE | Eclipse, Web Storm, IntelliJ, NetBeans, Visual Studio. |
| Build Tools | Maven, Jenkins, Docker, Apache Ant. |
| Web/App Servers | Apache Tomcat, JBoss, Web logic, WebSphere, Glassfish. |
| Cloud Services | Amazon Web Services (AWS). |

**Work Experience:**

**Client: CVS Health, Providence RI March 2022 - Present**

**Role: Senior Java Full Stack Developer**

**Responsibilities:**

* Developed the application involved in multi-tier J2EE design utilizing Spring, Spring IOC, Spring AOP, Spring Security, Spring Boot, Spring Batch and Spring ORM frameworks.
* Used Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Involved developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Configuration file and Node JS is used at back end to interact with MongoDB using Mongoose connector
* Focused on TDD, thereby creating JUnit tests for every single piece of functionality before writing the functionality and worked on frameworks like Mocha and JSLint.
* Develop custom directives, controllers, views and filters using Angular 12.
* Developed Angular 12 components and services to convert a large monolith into microservices.
* Written different Routing (SPA), modules and reusable components using Angular 12
* Created RESTful APIs in Express and returned logic through Angular 12 data binding. Wrote tests in Mocha on server side and Jasmine on the client side.
* Deployed AWS Lambda code from Amazon S3 buckets.
* Implementation of and the transition to Oracle Business Intelligence (OBIEE) as the preferred enterprise reporting software.
* Experience in implementing and hosting Docker and Kubernetes containers.
* Utilized Amazon Web Services (AWS)EC2 to deploy Docker containers with both monolith and Microservice Architecture.
* SSO has been implemented with Spring boot, Angular for third party application redirection.
* Setup Continuous integration with Jenkins and make use of wide range of plugins available to setup smooth developer friendly workflows.
* Implemented Micro Services based Cloud Architecture on AWS Platform and Cloud Foundry
* Involved in managing and reviewing Hadoop log files.
* Setup and benchmarked Hadoop clusters for internal use.
* Used Node JS along with Express JS to achieve reusability and gain centralized logic.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Used Continuous delivery / Continuous Integration (CD/CI) tools Docker, Jenkins to deploy this application to AWS and used GIT for Version Control of code for incremental development
* Worked with Jenkins to load JAR files from DB required for running the application.
* Used Maven building tool for creating EAR file to be deployed in application servers.
* Worked on AWS, High Availability Practices and deploying backup/restore infrastructure
* Hands on experience in working with Kubernetes for managing related, distributed cluster components.
* Created git repos and Jenkins jobs for the build and deployment of Microservice in Docker Container
* Hosted and tested the application in AWS servers before publishing it in actual production environment.
* Implemented security mechanism with Angular 12, OAuth2.0, Spring boot and JWT.
* Developed Docker image and containers for the application by configure Dockerfile, using Docker Compose to manage images
* Expertized in using JIRA software with Jenkins and github for real time bug tracking and issue management.
* Worked with Git to maintain the version of the files.
* Hands on experience in working with Kubernetes for managing related, distributed cluster components.
* Developed data transformer for converting legacy data from Source tables to avro format and fed into Kafka using Camel.

**Environment:** Java, Spring, Spring Boot, JMS, Oracle, SOAP, Mockito, WebLogic, Hibernate, Microservices, HTML, CSS, Javascript, Typescript, Angular 12, Jquery, Ajax, Bootstrap, Restful Web service, AWS, Kafka, Oracle DB, PL/SQL, MS SQL Server, JBoss Drools, SOA Design Patterns, Cassandra, LDAP, NOSQL, Hadoop, Kubernetes, Oracle WebLogic Server, Bitbucket, Docker, Jenkins, Gradle, Cucumber, GIT

**Client: Capital One, Mclean,VIrginia Jan 2021 – Feb 2022**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Worked with Spring Framework and Java to design RESTful API’s.
* Used agile methodology throughout the software development lifecycle (SDLC).
* Responsible to design and developed web pages using HTML5, CSS3, JavaScript, and jQuery, ReactJS, and Bootstrap.
* Deployed Spring Boot based micro services Docker container using Amazon EC2 container services and using AWS admin console.
* Designed and migrated the application using Spring Boot and Microservices from an existing legacy Struts 1.x application.
* Developed applications using HTML5, Bootstrap grid, CSS3 with Pseudo elements, classes, selectors and used JavaScript validation.
* Worked on POC concepts to move Monolithic Applications to Microservices using Spring Boot and NOSQL.
* Expertise with employment of Spring Kafka and Zookeeper apart from JMS as messaging service.
* Deployed JAR, WAR, EAR and J2EE applications on Apache tomcat server using Jenkins auto deployment.
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Used Maven as build and dependency management tool for creating EAR, WAR and JAR file to be deployed in application servers and integrated with Jenkins, and Jenkins Jobs.
* Followed Sprint model for the development of REST API's for chase Mobile Apps.
* Responsible for provisioning Kubernetes environment and deploying the dockerized applications by developing manifests.
* Worked on Proof of Concept for developing application using Node JS with Angular and Mongo DB
* Hands on experience in writing test cases used Mockito framework to write the test cases for REST API's.
* Created documentation, design and implemented rich user interfaces using Oracle Apex.
* Consumed REST based Microservices with Rest template based on RESTful APIs.
* Developed various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager) and redux libraries.
* Used Node JS for heavy DOM manipulation
* Designed a single page web application using ReactJS, Redux, Web pack, Babel using JavaScript (ES6+) features.
* Supporting business in deployments and works on Control-M workload automation to handle batch jobs.
* Build user interfaces by breaking them into components using ReactJS and used a real, full featured programming language to render views, with ReactJS.
* Used React-Router library, to route among various components
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes.
* Worked with Redux Saga along with Redux Thunk to handle asynchronous calls efficiently.
* Experience of Kafka to build real time data and streaming apps in distributed environment.
* Experienced in developing API's based on swagger/WSDL files that we receive from back end systems.
* Used Docker to containerize the Services and APIs to run on AWS EC2 instances.
* Used GIT as version management and GitHub as the repository

**Environment:** Java/J2EE, JDK, Spring, Spring Boot, Microservices, Node JS, React JS, JSON, XML, Oracle 12c, REST, Apache Tomcat, AWS, Maven, Kafka, Jenkins, JUnit 5, Mockito, IntelliJ, SOAP UI, JIRA, Confluence, Docker, Kubernetes, GIT, Bit bucket.

**Client: AT&T, Dallas, Texas Jun 2019 – Dec 2020**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions and Apache CXF modules.
* Used Core Java concepts like Collections, Multi-threading, Exception handling, IO to develop business logic.
* Involved in Construction of UI using JQuery, AngularJS, Ext.js, Bootstrap and JavaScript.
* Developed various J2EE components like Servlets, JSP, JSTL, AJAX, SAX, XSLT, JAXP, JNDI, LDAP, JMS, and MQ Series by using RAD. Integrated Spring (Dependency Injection) among different layers of an application.
* Deployed and monitored scalable infrastructure on Amazon web services specifically on AWS EC2.
* Used GWT and Amazon AWS (EC2/S3/EBS) for prototyping and subsequent evaluation.
* Deployed and monitored scalable infrastructure on Amazon web services specifically on AWS EC2.
* Developed DAO'S for retrieving and fetching the data from DB2 database using Spring JDBC.
* Tested web services using Postman tool in JSON format.
* Developed RESTful Web Services using Spring API to communicate over the network.
* Developed JMS (MDB) solutions to transmit data over XML in order to save data
* Developed UI components using Angular JS, Angular 2/4, Node.js, JavaScript, JSP, and Html tags, CSS, Ajax and JQuery.
* Used JMS (Asynchronous/Synchronous) for sending and getting messages from the MQ Series.
* Used Java Persistence API (JPA) through Hibernate.
* Assisted Oracle DB development team in developing stored procedures and designing the database. Used SVN for version control

**Environment:** Java, RESTful, Spring Boot, Angular JS, Angular 2/4, Microservice, Struts 1.x, Spring JDBC, JSON, XSD, JAXB, HTML, CSS, Maven, Jenkins, Collections, Multi-threading, Oracle, DB2, Confluence, Log4j, GIT, Postman, Bitbucket, Eureka, WebLogic

**Client: TIAA, Charlotte, NC April 2016 – May 2019**

**Role: Java Developer**

**Responsibilities:**

* Written HQL queries for Data management through Hibernate.
* Used Core Java, and Spring Aspect Oriented programming concepts for logging, security, error handling mechanism
* Developed Business tier and Presentation tier using Struts, JSP. Coding using JSP, HTML, and CSS JavaScript for validation, Servlets using Struts framework, JDBC.
* Implemented procedures, packages, triggers, and different Joins to retrieve the data base using PL/SQL, SQL scripts. Created DDL, DML scripts to create tables and privileges on respective tables in the database.
* Developed server side utilities using J2EE technologies Servlets, JSP, JDBC using JDeveloper.
* Involved in the application development and unit testing.
* Developed the web interface using MVC design pattern with Struts framework
* Designed and implemented most of the Java related portions of the application including EJBs for encapsulating business logic.
* Used ANT tools for building, deploying the application
* Developed request handlers, JSP’s and Data Objects in Core Java.
* Developed and Used the Eclipse Web perspective to develop, edit and debug applications in Eclipse.

**Environment:** Core Java, J2EE, JSP, XML, Spring, Struts, JDBC, JDeveloper, HQL, PL/SQL, My SQL, Windows

**Client:  BNP Paribas, India July 2013 – Oct 2015**

**Role: Software Developer**

**Responsibilities:**

* Experience in Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, I/O System, Multi-Threading, JDBC, Generics.
* Created data model, SQL scripts for the application.
* Extensively used core java concepts like Multithreading, Collections Framework, File I/o and concurrency.
* Developed user interfaces for policy owner module using JSPs, Struts Tag Library, and Tiles framework.
* Build the applications using ANT tool. Also used Eclipse as the IDE.
* Wrote JDBC class to interact with Database.
* Developed necessary DAOs (Data Access Objects) for policy owner module.
* Performed client side and server-side validations using Struts validations. Created Action Form beans and performed validation by configuring the Struts Validator.
* Actively involved in testing, debugging and deployment of the application on WebLogic Application server. Developed test cases and performed unit testing using JUnit.

**Environment:** Core Java, JDBC, JUnit, Struts, Tiles, HTML, CSS, JSP, JavaScript, DAO, Eclipse, WebLogic, UML.