

Java Programmer Java Programmer Research Programmer - Sysco Corporation, University of Houston Houston, TX IT professional having experience in developing Enterprise & Web applications. Hands on experience in J2EE technologies such as Spring Core, Spring Boot, Spring JPA Hibernate ORM, Restful. Involved in developing UI using JSP, HTML5, CSS, JavaScript, VBScript, bootstrap. Experience in working with AWS services (EC2, S3, SES, VPC, DNS). Familiarity with Docker and Docker related technologies: Docker Swarm, Docker Compose. Exceptional skills in Agile development and Test Driven Development (TDD). Authorized to work in the US for any employer

**Work Experience**

**Java Programmer Sysco Corporation, University of Houston - Houston, TX April 2018 to Present**

**Project: Car Tracking System.** Car Tracking System is a web-based application used by transportation car business users to track and manage cars such as tracking current geo-location, and managing alerts etc. Develop application on Spring framework by utilizing its features like Spring Dependency injection, Spring Web Flow with Spring MVC and Spring BOOT in IntelliJ IDEA. Utilize Hibernate annotations concept to retrieve data from back end MySQL Server and integrate with Spring BOOT. Worked with Java 8 Lambdas, Streams API and parallel streams API for enabling parallel processing of collections in distributed environment. Implemented DAO layers using JPA standards and Hibernate API interfaces, developed POJO, and implemented Hibernate 5.x and integration with Spring Framework. Developed Restful Web services for transmission of data in JSON format. Used Hibernate EhCache for second level caching which resulted in enhanced performance of the application. Created AWS EC2 instances and installed required configurations and applications on it and created AWS S3 buckets for storing object level data into it. Worked with Nginx Application server that handles various requests from Client. Worked on Swagger API and auto-generated documentation for all REST calls. Used Maven for application build and Jenkins for Continuous Integration and deployment. Followed GIT for version control of code for incremental development and to maintain the code history. Implemented Mockito to develop Integration and Unit test cases for java bean components. Worked on Jenkins to implement the CI/CD process.

**Software Developer University of Houston - Houston, TX August 2017 to March 2018**

**Skills Used:** Spring

MVC, Spring Boot, Hibernate, JavaScript, SQL, Jenkins, Maven. Designed and Developed End to End customer self service module using annotation based Spring MVC, Spring Boot, and Hibernate.

Implemented Bean classes and configured in spring configuration file for Dependency Injection, Developed Controller Classes using Spring MVC, Spring AOP, Spring Boot, Spring Batch modules, handled security using Spring Security. Worked on developing Restful endpoints to cache application specific data in in-memory data clusters like REDIS and exposed them with Restful endpoints. Used SQL statements and procedures to fetch the data from the database. Created new views, added new columns to the existing view in the database using SQL. Involved in all stages of Software Development Life Cycle (SDLC) of the project in agile methodology. Actively used the defect tracking tool JIRA to create and track the defects during QA phase of the project. Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing. Implemented complete Maven build life cycle to achieve organized application structure and conflict free dependencies in pom.xml file. Associate Software Engineer CGI Group Inc - Bengaluru, Karnataka January 2017 to August 2017 Skills used: Java, Spring, Spring Boot, Hibernate, log4j, JMS, JavaScript. Implemented the project mainly using the Spring MVC architecture and Spring Bean Factory using IOC. Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application developed using AGILE methodology. Implemented caching techniques, wrote POJO classes for storing data and DAO's to retrieve the data and did other database configurations using Hibernate. Utilized object-oriented programming and Java to construct an interactive web response system for a multinational Insurance company. Designed and developed Customer registration and login screens using JSP, HTML/DHTML and JavaScript. Used log4j for tracking errors and debugging the code. Developed Messaging frame work for Asynchronous service using JMS. Developed various activities like transaction history, search products that enable users to understand the system efficiently. Involved in unit testing and system testing and also responsible for preparing test scripts for the system testing. Education Master of Science in Computer Science University of Houston - Houston, TX May 2019 Bachelor of Technology in Electronics and communication

engineering GITAM University - Hyderabad, Telangana May 2017 Skills C++, Git, Html, Javascript, Bootstrap, Jenkins, Python, Flask, Subversion, Svn, Swift, Vbscript, Java, Hibernate, Spring, Database, Mysql, Oracle, Css, nginx Links <http://www.linkedin.com/in/akhil-talari> Additional Information Skills Languages C, C++, JAVA JDK1.6/1.7/1.8, Python, R, Swift Micro services Spring Boot, Spring REST, REST API's Frameworks/Tools Spring 2.x/3.x/4.x, Hibernate 2.x/3.x/4.x/5.x, Log4j, Maven, JUnit Web technologies HTML/CSS, JavaScript, VBScript, bootstrap, Flask Database MySQL, Oracle AWS AWS (EC2, S3, SDK, IAM, VPC, RDS, EBS, Route53, LAMBDA ) Web/Application servers Apache Tomcat, Nginx Database Version control & CI/CD Git, Tortoise SVN, Apache Subversion, Jenkins, Dockers

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