

PROFESSIONAL SUMMARY

- Over 9+ years of experience in software design and development of **Java/J2EE** applications with strong Object-Oriented Programming skills. Extensive experience and knowledge as a Full Stack **Java Developer** building web-based enterprise applications.
- Hands-on knowledge of Front-end Technologies like HTML, CSS, and JavaScript.
- Experience in using React. Familiar with related technologies like Routers, Switches, routers, Components, and axios.
- Experience in Back-End Programming Development using Spring Framework including Spring Boot, and Spring Data JPA. Familiar with quick developing of **Java** back-end flow
- Experience in using Spring IOC, Spring AOP, and SpringMVC to develop RESTful web services
- Excellent working knowledge of Data Structure and Algorithms.
- Strong skills in Core **Java**. Experience in concepts such as Multi-Threading, Collections, Exception Handling, Polymorphism, etc
- Experience in receiving Kafka messages with Producer and Consumer, to design functions based on Kafka data information for microservices apps
- Extensive experience in using Spring Cloud to receive microservice config properties
- Experience in Deploying microservice apps through Kubernetes, checking logs, and restarting pods
- writing unit test cases with Junit and Mockito to increase code coverage through Sonar
- Extensive experience in OOD Methodology. Familiar with **Java** design patterns like Singleton, Factory, Observer, Proxy, etc
- Familiar with MySQL, Azure Cosmos
- Experience in RMDB concepts such as Stored Procedures and Batch Processes. Hands-on experience in SQL
- Experience in deploying web applications in Apache Tomcat Server
- Familiar with the software development process Agile.
- Experience in developing codes with Jira tickets
- Experience in preparing documents for code changes on the Confluence page
- Familiar with the Software Development Life Cycle(SDLC) of business applications.
- Experience with development tools like Git, SVN, Maven, and Jenkins
- Familiar with using Solr to check system data info
- Experience with AWS
- Strong Analytical, Problem Solving, Debugging, and Interpersonal skills with an excellent understanding of system development metrics, techniques, and tools.
- Adaptable to new technologies in a short period and implementing them in real-time projects. Self-motivated individual and fast-paced learner.
- Acting as a Team player with a positive attitude and ability to learn in a fast-paced environment

EDUCATION:

Ph.D. in Electrical Engineering
MS in Electrical Engineering

Technical Skills:

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|-------------------------------|--|
| Programming Languages | Java , J2EE |
| Java/J2EE Technologies | Java8, Servlets, JSP, JDBC, Spring, Spring-AOP, Spring MVC, Spring Boot, JPA, Transaction Management |
| Web Development | HTML, CSS, Bootstrap, React |
| Microservices | Microservices, Kafka, Kubernetes, Spring Cloud, Lenses, Splunk, Grafana |
| Application/Web Servers | Apache Tomcat |
| Methodologies/Design Patterns | Agile, MVC, DAO, Factory pattern, Singleton, Proxy. |

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|----------------------------------|---|
| Databases | MySQL |
| IDEs | Eclipse, IntelliJ, VS Code |
| Build Automation and Other Tools | Maven, JENKINS, Sonar, Solr |
| Testing and Logging Frameworks | JUnit, Mockito, Jacoco, Selenium, Postman |
| Version Controls | GitHub |
| Operating Systems | Windows, Linux |

PROFESSIONAL EXPERIENCE

Walmart Inc, Sunnyvale, CA

Apr

2023 - Till Date

Java Developer

Project: Fulfillment Management System (FMS)

Description:

Walmart, Inc. is a leader in retail that operates a chain of hypermarkets, with a focus on digital innovation and customer experience. The Fulfillment Management System project is to provide e-commerce services to customers. The FMS processes orders from customer requests and provides multiple options for order delivery.

Responsibilities:

- Involved in completed Software Development Life Cycle of design(SDLC), development, testing and deployment of application
- Analyzed requirements and developed codes based on Jira tickets each sprint
- Developed application methods and logic using Spring Boot and Spring Framework.
- Applied multi-thread concepts for business logic design
- Applied various Core **Java** concepts such as Exception Handling and collection APIs to implement various features and enhancements.
- Used the features of Spring Boot, Spring Cloud, and Spring AOP to develop codes
- Designed code features on IntelliJ IDE. Built projects with Tomcat and debugged for application hosting and Logging
- Used Maven for dependency version control. Updated dependency versions at pom.xml to resolve project conflicts
- Developed the Controller and Service layers to receive requests and generate responses with Spring Boot
- Managed cloud configurations with Spring Cloud features for microservice apps
- Generated and received Kafka messages in the Producer and Consumer model
- Applied Spring AOP for logs
- Used queries on Lenses, Splunk, and Grafana to debug Kafka messages
- Raised PR on Git and let codes through Jenkins for CI/CD automatic maven build and sonar checks
- Used Junit and Mockito to write unit test cases to increase code coverage on Sonar
- Setup Tomcat VM options with app names and environment properties to start a local server
- Call curls through Postman to generate output values for testing and debugging
- Used Query to check system data info with Solr
- Check the microservice app pod status on Kubernetes
- Wrote documents for code changes on Confluence pages

Environment: IntelliJ, Java8, Spring, Spring Boot, Spring Cloud, Spring AOP, Kafka, Lenses, Splunk, Grafana, Jenkins, JUnit, Mockito, Tomcat, Postman, Solr, Kubernetes, Jira, Confluence, Git

Walmart Inc, Sunnyvale, CA

Jul

2021 - Feb 2023

Java Developer

Project: Product Item Setup and Maintenance for Supplier Chain (Hyperloop Interface and Akodo)

Description:

The project of Walmart Inc. is to provide a platform to set up product items for suppliers from all over the world. Suppliers log in and set up product data in the distribution system. Data centers store product information, such as product categories, product types, and attributes. They are provided as tags for customers to search to improve the online shopping experience.

Responsibilities:

- Involved in completed Software Development Life Cycle of design(SDLC), development, testing and deployment of application
- Analyzed requirements and developed codes based on Jira tickets each sprint
- Developed application methods and logic using Spring Boot and Spring.
- Used various Core **Java** concepts to design APIs to implement various features and enhancements.
- Involved in the team to integrate the Spring Boot, Spring Cloud, Spring AOP
- Used IntelliJ IDE for building, developing, and integrating the application, tomcat for application hosting and Logging
- Managed dependency version control with Maven. Updated Spring version and solved conflicts between Spring Boot and Spring Cloud at pom.xml
- Used Spring Boot to develop the Controller and Service layer to handle the front-end requests
- Used Spring Cloud to manage config microservice properties for services
- Used Producer and Consumer to generate and receive Kafka messages for microservices apps
- Used Spring AOP framework for logging and debugging
- Used SQL queries to query data from Azure Cosmos
- Raised PR on Git and let codes through Jenkins for CI/CD automatic maven build and sonar checks
- Used Junit and Mockito to write unit test cases to increase code coverage on Sonar
- Setup Tomcat VM options with app names and environment properties to start a local server
- Call curls through Postman to generate output values for testing and debugging
- Used Query to check system data info with Solr
- Check the microservice app pod status on Kubernetes
- Wrote documents for code changes on Confluence pages

Environment: IntelliJ, Java8, Spring, Spring Boot, Spring Cloud, Spring AOP, Kafka, Jenkins, JUnit, Mockito, Tomcat, Postman, Solr, Kubernetes, Azure Cosmos, Jira, Confluence, Git

Wellons Auto Repair, Atlanta, GA

Oct

2020 – Jun 2021

Java Developer

Project: Customer Vehicle Recorder

Description:

Wellons Auto Repair is to provide auto service to customer vehicles. The Customer Vehicle Recorder project is about managing the vehicle information of customers. Customers register their accounts so that they can log in with the accounts. Customers can view the information of their vehicles and information and also update the vehicle condition information.

Responsibilities:

- Involved in phases like analysis, design, development, testing, and deployment of application changes.
- Analyzing user requirements and developing applications using Spring Boot and Spring Templates.
- Used various Core **Java** concepts such as Exception Handling and collection APIs to implement various features and enhancements.
- Involve in the team to integrate the Spring Boot, Spring Data JPA, Spring AOP
- Use Spring Data JPA to develop JpaRepository for accessing the database to create, remove, update, and read the data
- Used the Hibernate framework for data persistence
- Validated the parameter passed from the front end using the Hibernate Validation framework
- Use Spring Boot to develop the Controller and Service layer to handle the front-end requests

- Used IntelliJ IDE for building, developing, and integrating the application, tomcat for application hosting and Logging
- Use Spring AOP framework for logging and debugging
- Used SVN for version control

Environment: IntelliJ, Java8, Spring Boot, Spring Data JPA, Hibernate, Spring AOP, MySQL, JUnit, Selenium, Maven, SVN

Candler Park Market, Atlanta, GA

Oct

2019 – Sep 2020

Java Developer

Project: Grocery Management System

Description:

Candler Park Market is a market to serve food which includes burgers, sandwiches, and salads. The Grocery Management System is to manage product tracking. When the customers purchase their products, the product number will decrease automatically. This system is mainly divided into the background system management and operation of the front desk for end users. The main goals were modularization, abstraction, and realization of multi-layer structures.

Responsibilities:

- Involved in completed Software Development Life Cycle of design(SDLC), development, testing and deployment of application
- Responsible for creating functional design documents, technical documents, and flow charts.
- Developed Spring Controllers, Service Components, DAOs, Web Services, and UI Integration for processing the member request for two modules
- Integrated with Spring boot, Spring MVC, Hibernate framework
- Implement the MVC module with the Module layer, View layer, and Service layer. Used Spring MVC Framework Dependency Injection for integrating various **Java** Components
- Developed the DAO layer using the Hibernate annotations and configuration files. Used Hibernate framework for data persistence
- Used Hibernate Validation framework to validate the parameter passed from the front end
- Applied Spring framework (Spring IOC) to inject **Java** Bean into each layer of the application
- Developed repository, controller, and service to handle the request from the user
- Wrote SQL to create, update, read, and remove data from/to the database (MySQL)
- Applied Spring AOP technology for efficient logging and debugging

Environment: IntelliJ, Java8, Spring Boot, Spring MVC, Hibernate, MySQL, Spring AOP, JUnit, Selenium, Maven, Git

East Montgomery Primary Medicine, Montgomery, AL

Jul

2018 – Sep 2019

Java Developer

Project: Health Tracker

Description:

The project is a web application that clients can use to monitor personal health. The major purpose is to digitize personal daily meals and exercise time. The user recorded daily activities on this application. This application monitored clients' status of health and generated health reports for clients.

Responsibilities:

- Analyzing user requirements to inform application design.
- Conduct software analysis, programming, testing, and debugging.
- Involved in both developing and consuming Restful web services
- Involved in developing batch processing **Java**-based jobs.
- Integrated with Spring boot, Spring MVC, Hibernate framework
- Developed the Module layer, View layer, and Service layer with the MVC module
- Designed and Implemented Data Access Object(DAO)
- Used Hibernate framework for data persistence
- Maintained the relationship between each entity using Hibernate Annotation
- Developed service layer, developed different methods to handle requests
- Applied Core **Java** technologies, Exception Handling, IO, etc
- Used Spring AOP for logging and debugging

- Developed Unit Test by using Junit to test the business logic
- Tested various HTTP methods and REST API through POSTMAN (REST Client Tool).
- Used Selenium for the user behavior tests
- Developed a JSP for the project's front-end display
- Participate in the team project using the Agile development cycle
- Fixed bugs and Maintained the project

Environment: IntelliJ, Java8, JSP, Spring boot, Spring MVC, Hibernate, HTML, CSS, XML, MySQL, Tomcat, JUnit, Selenium, Postman

Seasick Records, Birmingham, AL

Aug 2016 – Jun 2018

Java Developer

Project: Music Tracker

Description:

This project was launched to formulate a Musician Search and Recommendation System. The system includes musicians from the smallest community art house to the largest music festival and provides results based on customer preferences. It is fully featured with, for example, searching, liking, and recommending. The final solution was deployed with a multi-layer structure.

Responsibilities:

- Involved in both developing and consuming Restful web services
- Implement the application using Spring Boot.
- Used Spring Data JPA to perform CRUD (create, read, update, and delete) operations on information in databases.
- Tested various HTTP methods and REST API through POSTMAN (REST Client Tool).
- Established the basic data storage using MySQL and implemented session management.
- Involved in front-end development using React, Bootstrap, HTML, CSS, and JavaScript to build a front-end prototype.
- Involved in designing Server-Side **Java** e-commerce-based applications based on Servlets, JSP, Hibernate, and Spring on multiple server environments.
- Developed application on spring framework by utilizing its features like Spring Dependency injection and spring Web flow with Spring MVC.

Environment: JPA, JSP, Spring boot, Spring MVC, React, Hibernate, HTML, CSS, XML, MySQL, Tomcat, JUnit, Selenium, Postman

Peoples Bank of Alabama, Cullman, AL

May 2016

Nov 2014 –

Java Developer

Responsibilities:

- Involved in analysis and design phases of Software Development Life Cycle (SDLC).
- Implemented batch system for the execution of different components using task executor in Multithread process, Retry on batch, etc.
- Publishing and consuming the data to TIBCO queue and topic using ESB MQ series messaging API's.
- Used JAXB API to bind XML schema to **Java** classes.
- Developed components using Spring Framework (Spring MVC, Core, dependency injection, Bean, spring security, Spring AOP, SpringBoot, Aspects, Dependency Injection).
- Developed the shell script to execute different jobs at regular intervals using AutoSys.
- Developed REST web services to facilitate communication between clients and servers using JSON data format.
- Created Unix shell scripts to monitor the jobs.
- Created XML schema definition file XSD for the message that needs to be published on the topic.
- Prepared unit test cases and developed the Junit test cases using Mockito and PowerMockito.
- Used various **Java**, and **J2EE** design patterns like Factory, Singleton, Reflection, MVC, etc.

Environment: Agile, **Java**, EJB, TIBCO, Hibernate, JPA, SQL, JUnit, Unix, EJB, JMS, JDBC, Ant, Maven, JavaScript, GIT, Tomcat, Jenkins, Spring Framework, REST Web Service, Autosys, Eclipse

Xue Xia

- Sunnyvale, CA, US

Contact Information

- qk7-pe6-bmf@mail.dice.com
- 7322278603

Work History

Total Work Experience: 10 years

- **Java Developer** Walmart Inc, Sunnyvale, CA
Apr 01, 2023
- **Java Developer** Walmart Inc, Sunnyvale, CA
Jul 01, 2021
- **Java Developer** Wellons Auto Repair, Atlanta, GA
Oct 01, 2020
- **Java Developer** Candler Park Market, Atlanta, GA
Oct 01, 2019
- **Java Developer** East Montgomery Primary Medicine, Montgomery, AL
Jul 01, 2018
- **Java Developer** Seasick Records, Birmingham, AL
Aug 01, 2016
- **Java Developer** Peoples Bank Of Alabama, Cullman, AL
Nov 01, 2014

Education

- **Masters** | MS in Electrical Engineering

Skills

- **selenium** - 10 years
- **apache maven** - 9 years
- **apache tomcat** - 9 years
- **dependency injection** - 9 years
- **framework** - 9 years
- **hibernate** - 9 years
- **intellij idea** - 9 years
- **java** - 9 years
- **jpa** - 9 years
- **junit** - 9 years
- **mysql** - 9 years
- **postman** - 9 years
- **restful** - 9 years
- **software** - 9 years
- **spring** - 9 years
- **spring mvc** - 9 years
- **ui** - 9 years
- **unit testing** - 9 years
- **web services** - 9 years
- **xml** - 9 years

Work Preferences

- Desired Work Settings: Remote or On-Site or Hybrid
- Likely to Switch: True
- Willing to Relocate: True
- Travel Preference: 100%
- Work Authorization:
 - US
- Work Documents:
 - Have H1 Visa
- Security Clearance: False
- Third Party: True
- Employment Type:
 - Contract - Corp-to-Corp

Profile Sources

- Dice:
<https://www.dice.com/employer/talent/profile/1e32848311f5c2399415314037343e71>