AYYAPPA SWAMY AKULA

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Software Engineer At Bank Of America.

SUMMARY

Highly skilled **Java full stack developer with 7.8 years of Experience** in designing, developing and maintaining robust web applications. Proficient in **Java, Spring Boot, Microservices, Hibernate, JPA, Spring security, Web services and front-end technologies like JavaScript, Angular, React.js** adept at working with cloud platforms **(OpenShift)** and containerization tools **(Docker, Kubernetes).** Strong background in **Agile Methodologies,** CI/CD **(Jenkins and Ansible)** and Unit Testing tools **(Junit & Mockito) and Database (Oracle, Postgres SQL, Casandra)** committed to delivering high-quality code as individual contributor as well as team player for continuously improving software processes.

CAREER SUMMARY

- Working as a Senior Java Full Stack Developer at Bank of America from 2021 August – Till Date
- Worked as a Java Full stack developer at Renault Nissan Technologies & Business Center Ltd from Oct 2019 – July 2021
- Worked as Java Full stack developer at SoWeDid Software Solutions Pvt.Ltd from
- Feb 2017 – Oct 2019

SKILLS

Java, Java8, Java11

Working Experience on converting business use cases into code Solutions by using programming language as Java and its variety Of Versions.

Microservices

Working Experience on creating the microservices architecture based on business requirement and Good Exposure in Migrating Monolith Architecture to Microservices architecture.

Springboot, Hibernate, JPA, Spring Security, Spring Modules

Working Experience on creating the Webservices using spring boot and applying ORM techniques with the help of Hibernate, jpa and secure the services by applying saml, jwt token authentication based on the requirement.

AngularJS, Angular

Working Experience on Integrating Blackened services to show/Manipulate data on UI and Design Webpages based on the business Requirement.

Apache Maven, Gradle

Working Experience build the java projects with the help of Build tools like Apache Maven and Gradle.

Cloud, Containerization Tools (OpenShift, Docker, Kubernateas)

Working Experience on integrating company based docker image and integrating with OpenShift cloud platform and to manage pods with the help of Kubernetes

Database (Oracle, Postgres SQL, Casandra)

Working Experience on simple Database design and Writing queries Based on the requirement.

React.js

Working Experience on integrating backend services with UI And Web page design Using React.js.

Restful Web Services

Working Experience on creating Webservices both Soap and Rest Based services

Agile Methodologies

Working Experience with Agile Methodologies and Experience on Managing scrum calls as Proxy PO, Scrum Master.

Source code Version Tools (Git, Bitbucket, GitHub)

Working Experience on Different Source controlling tools like GitHub, Gitbash, Bitbucket,

Prod & Performance Monitoring Tools (Splunk, Dynatrace)

Working experience on Splunk and Dynatrace as Prod Monitoring Tools.

2023-05 - Till now

Senior Full Stack Developer at Bank of America

OM Marketing Actionable View Portal

OM MAV service is a legacy modernization initiative where the existing DB calls replaces by the rest services and provided user interface to the business this application will helpful to provide the details about Fetching creating, Updating, retrieve offer details based on customer details we have used different criteria like for fetching offers we used Conversations by PI, Exclusions by PI, Appointments By PI and for creating offers Post conversations and Post Exclusions for updating offer Put Conversations and Exclusions for Retrieving we used to get conversations by conversations ID for providing details to business.

Technology Stack: Microservices, Spring boot, Java11, JPA, Maven, React.js, Postgres SQL, ES6, Docker, OpenShift

Responsibilities:
- ✓ Lead the design and development of project in Microservices architecture.
- ✓ Providing business solutions with programming language as java11.
- ✓ Developed Restful API's using spring boot for seamless communication between microservices.
- ✓ Implementing ORM frameworks like Hibernate, JPA based on requirement.
- ✓ Building backend application with the help of Maven Building tool.
- ✓ Integrate Microservices to cloud platform using OpenShift and CI/CD tools as Jenkins and containerization tools as Docker and Kubernetes.
- ✓ Developed Rest services with spring security to make services more secure.
- ✓ Execute Unit testing with Junit and Mockito.
- ✓ Write Database queries based on the Business requirement.
- ✓ Integrate Backend services with UI using React.js
- ✔ Worked on converting the UI designs in React mockups screens using material UI components, formvalidations and integrating it with backend
- ✓ Creating forms and validation during the offer creation process
- ✓ To Provide End to End test support for LLE, PT, Prod Environments.
- ✓ Integrate and Monthly Release Prod Deployment Support.
- ✓ Immediate Prod fixes and L3 Support

2021-08 - 2023-04

Senior Java Full stack developer at Bank of America

Offers Management and Marketing Customer Insights

This application will provide the offer details to customer based on channel (OLB, Mobile, Interact, Associate facing channels…) whenever customer connected to any of the channel to know about the offer details internally channel will triggers Offers Management application to get the details this OM gathered the input data from various sources(CEH, OMUI, Customer relation ship data, Targeted offers and Marketing data) this data will send rules engine rules will create the offer based on the details sending to Rules engine once we received offer we send back offer details to customer there different services included during these process. This application existed in legacy we migrated into Microservice architecture.

Technology Stack: Microservices, Spring boot, Java8, Spring security, SAML, JWT, Hibernate, JPA, Maven, Ansible, Jenkins, Jfrog, Angular, Oracle, Casandra, Jboss, IBM MQ

Responsibilities:
- ✓ Lead the design and development of project from Monolith to Microservices architecture.
- ✓ Providing business solutions with programming language as java8.
- ✓ Developed Restful API's using spring boot for seamless communication between microservices.
- ✓ Implementing ORM frameworks like Hibernate, JPA based on requirement.
- ✓ Building backend application with the help of Maven Building tool.
- ✓ Integrate Microservices to cloud platform using CI/CD tools as Jenkins and Ansible for the deployment
- ✓ Developed Rest services with spring security to make services more secure.
- ✓ Execute Unit testing with Junit and Mockito.
- ✓ Write Database queries based on the Business requirement.
- ✓ Integrate Backend services with UI using Angular
- ✔ Worked on converting the UI designs in Angular Material screens using material UI components, formvalidations and integrating it with backend
- ✓ Creating forms and validation on channel side.
- ✓ To Provide End to End test support for LLE, PT, Prod Environments.
- ✓ Integrate and Monthly Release Prod Deployment Support.
- ✓ Immediate Prod fixes and L3 Support
- ✓ Coordinating team of size 12.

2019-09 - 2021-07

Full stack developer at Renault Nissan Technologies Business center Ltd

LBS& Marine

This project Describes about Calculating Logistic Budgeting System its Microservice architecture base Here two Microservices created one is for cost calculation(lbs.) and other one Finding Vessel information in ship(Marine) this Marine Helps to find the vessel information like port and destination information Arrival date of particular VIN after VIN arrived to port how much cost between port to Distributor that information and calculation will be done with the help of LBS system Here cost calculation be like transport , Handling , Storage cost information that all to be consider and will calculate and give it to plant.

Technology Stack: Microservices, Spring boot, Hibernate, JPA , Lombok , Dozer , Spring Security , Maven , Angular8 , Angular Material , Typescript , Docker.

Responsibilities:

- ✓ Lead the design and development of project from Monolith to Microservices architecture.
- ✓ Providing business solutions with programming language as java 8.
- ✓ Developed Restful API's using spring boot for seamless communication between microservices.
- ✓ Implementing ORM frameworks like Hibernate, JPA based on requirement.
- ✓ Building backend application with the help of Maven Building tool.
- ✓ Integrate Microservices to cloud platform using CI/CD tools as Jenkins.
- ✓ Developed Rest services with spring security to make services more secure.
- ✓ Execute Unit testing with Junit and Mockito.
- ✓ Write Database queries based on the Business requirement.
- ✓ Integrate Backend services with UI using Angular
- ✒ Worked on converting the UI designs in Angular Material screens using material UI components, formvalidations and integrating it with backend
- ✓ Creating forms and validation on channel side.

2019-09 - 2021-07

Full stack developer at Renault Nissan Technologies Business Center Ltd

SCM

This project Describes about Supply chain Management System which mainly describes the lifecycle of product manufacture plant to Distribution .and my role as AMO for the DRAGON2.0 application which mean export ordering system.

Technology Stack: JSF, Spring Batch, JPA and Tools, Oracle, Citrix

2018-10– 2019-08

Software Engineer at SoWeDid Software Solutions Pvt Ltd.

Cash Management

This project Describes about Managing cash between the large Enterprises The main Theme of the application is providing banking for the large scale industries And participated to improve the business such as providing loan systems and in this different types of customers available we provide make an agreement between the end customer to Entrepreneur and make benefit to end user providing loan to make his business going tostart here two things available one front office and back office in front office the interaction between the user and Entrepreneur and back office dealing with user, Entrepreneur banking relations.

Responsibilities:

- ◆ Involved in developing APIs.
- ◆ Involved in optimization of code and bug fixes.
- ◆ Prepared Ui Screen using Angular js
- ◆ Involved in manual testing of the functionality.

2017-02 - 2018-09

Software Engineer at SoWeDid Software Solutions Pvt Ltd.

SMBK

SMBK project talks about product insurance application while purchase the product through ecommerce websites like Boulanger, MediaMarkt and Orange, through this site we will provide one insurance link. This insurance link will access by one login and it is having different modules.

Modules:

SMBK-CRM: This module provides Customer Relationship Management through this customer interact with the application. Customer give the information about the purchase product details.

SMBK-CUSTOMER: If customer lost his purchase product, the customer will provide the complete description about how to lost his product with the help of customer interface and access of CRM to Customer through one token. This CRM token will helpful for customer information.

SMBK-CALL: In this module provide the customer support. If customer needs information about his insurance, the call centers will provide the complete information through the customer care interface.

Responsibilities:

- ◆ Involved in developing APIs.
- ◆ Involved in optimization of code and bug fixes.
- ◆ Prepared Ui Screen using Angular js
- ◆ Involved in manual testing of the functionality.

EDUCATION

2013 - 2016	**B.Tech**
	Bonam Venkata Chalamayya Engineering college Odalarevu Amalapuram Mandal.
2010- 2013	**Diploma**
	Swarnandhra College of Engineering and Technologies

Personal Details

Name   :   AKLA AYYAPPA SWAMY
Date of Birth   :06-05-1995
Marital Status   : Unmarried
Languages Known: English, Telugu and Hindi

I hereby declare that the information furnished above is true to the best of my knowledge.

Date: /   /
Place: (**A.A.SWAMY)**