



SUMMARY

- Results-oriented information technology professional with proven track record in developing and delivering effective enterprise grade software to meet business needs
- Excellent communication skills and ability to work with client to achieve their business goal
- Technically-adept in software/skills in distributed and web platform
- Solid experience in relational database design and system optimization
- Very effective in coordinating large-scale system integration, involving interaction with business and infrastructure teams at various levels to ensure smooth project delivery
- Demonstrates ownership and accountability in area of expertise, Able to break-down work, explain tasks and understands interdependencies
- Effective in optimizing the system to perform at higher rate with effective utilization of CPU in terms of vertical and horizontal scaling.
- Extensive knowledge on Ecommerce platform design and development

Job Profile:

- **6.7 years** of IT experience in **analysis, system design(HLD,LLD,Swagger), development, documentation and Deployment**, implementing and testing of software systems in Java, J2EE, spring, spring boot and angular and Internet technologies.
- Strong Knowledge on Application Development using **Software Development Life Cycle SDLC** using various methodologies like Waterfall, **Agile/Scrum**.
- Strong hands - on experience with Spring Framework such as **Spring MVC, IOC, Spring Core, Spring JDBC Spring Boot, Spring Cloud, Spring Data JPA and Hibernate**.
- Expertise in developing Microservices using **Spring Boot, Netflix OSS (Eureka, Hystrix, resilience4j and Feign)** and followed domain driven design.
- Expertise in developing Microservices Pattern Such as **Decomposition, Deployment patterns, CQRS, External API, Service discovery, Sidecar pattern etc**
- Expertise in developing Microservices architecture using Spring Boot using **12-factor app methodology, Modular and Re-usable components**.
- Experience in using build/deploy tools such as **Jenkins, and Docker** for Continuous Integration & Deployment for Microservices.
- Experience in implementing Java EE design patterns such as **MVC, Singleton, Builder, Static factory method ,DAO ,DTO and SOLID principle** in the development of Multi-Tier distributed Enterprise Applications.
- Expertise in developing **REST API's and Web Services SOAP**.
- Experience in core Java-**Multithreading, Collections and JDBC**
- Experience in Database are **MySQL and Postgres**
- Hands on experience with build and deployment tools including **Maven /Gradle**, logging and Debugging using **Slf4 and Log4j** and **Lombok API**
- Unit and integration testing using **Groovy language Spock framework, Cucumber feature** and **Junit** and **Mockito**
- Perform **Code Review** for peer and team members
- Experience in Cloud Deployment such **Cloud foundry, Pivotal Cloud foundry(PCF), IBM Cloud Foundry and Kubernetes(Docker)**
- Experience in designing front end interfaces using **HTML, CSS and Angular 6 to till version**



PROFESSIONAL HISTORY

- IBM India Private Ltd, Bangalore, India – (July 2019 – till date)
Role - Application Developer-Cloud / Microservice
- Accenture Solution Private Ltd, Bangalore, India – (June 2017 – June 2019)
Role - Application Development Analyst
- Unifylabs System Private Ltd, Bangalore, India – (March 2015 – June 2017)
Role - Software Engineer



EDUCATION

B.E in Computer Science Engineering from King college of Technology – Namakkal, Tamil Nadu, India Affiliated to Anna University – Chennai
During 2010 – 2014 with 72%



TECHNICAL SKILLS

API Development – (Restful and Microservice)

Programming Language:

Java-11 and Groovy

Frameworks and Libraries -

Spring Frameworks:

Spring core / Spring-MVC / Spring-data / spring- boot / swagger for API specification and documentation and Hibernate

Spring Cloud Dependencies :

OSS-Eureka for service discovery / Hystrix for fault tolerance /Feign Client / Config server and client /

Testing:

JUNIT and Mockito / Groovy with Spock /Karate/ Log4J /Slf4J

Design Patterns:

Creational / Behavioural / Structural)

Design Principle:

SOILD, DRY, KISS and YAGNI

Middleware:

Kafka

Standard practice:

Sonar lint and Scanning / OWASP security scan)

Database:

MySQL / PostgreSQL (Relational Database)

Front end Development: (Basic knowledge and limited working experience)

Programming Language:

JavaScript / TypeScript

Framework and Libraries:

Angular – version 2.0 onwards till 10

Templating / Style / library:

HTML5 & CSS3 & Bootstrap

Cloud Skills:

PAAS:

Cloud foundry/Pivotal Cloud foundry/IBM Cloud foundry/Kubernetes(Docker)/BOSH-Build

DevOps Skills:

Version Control/Build Tools:

GIT/Jenkins

Dependency Management:

Maven/Gradle

Artifactory Management:

Jfrog Artifactor/harbor(Docker Image registry)



PRODUCT DEVELOPMENT

Online Parts Hardware Revision (ONTLL)

From August-2019 to Present

Client – Mercedes Benz Research and Development(From IBM)

Online-part-hardware-revision (ONTLL) is a spring boot based bunch of microservices which serves data to the ONTLL Front end, the web platform for car-vehicle parts. The user group of the application is classified into producer group and consumer group. The consumer group of the application can use the application to track delivered parts, such as qualities and revision of that part and voluntary changes parts size. The parts from Supplier, the producer group of the application who are supplier/ BTV/admin can manage their parts for delivery. Technically the application is developed with performance and reliability factor in mind to deliver a great user experience for both producer and consumer group.

Technology Stack: Micro Services, Spring Boot, Spring Data JPA-Hibernate, Spring Cloud, Core java, Git and Unit Test Case-Junit, Spock, Blackduck, Jenkins, SonarQube, Maven, Kubernetes ,Kafka, PostgreSQL and Docker deployed on Private Daimler Hybrid cloud and React

Responsibilities:

- This Project is Greenfield project and responsible for End to end development feature
- Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria , requirement gathering and system design(HLD,LLD,Swagger), .
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Data Persistence using Spring Data JPA and Spring Actuator.
- Integration with old and new system using feign client rest call and Implement PostgreSQL database Creating table and view based on Functionality
- Implement Microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in Kubernetes -Docker
- Implemented common library such as tracking, security, common-module for distributed Micro Service Monitoring logs. Integrated Swagger UI and wrote Unit test and Integration test along with REST document.
- Implemented resilience4j Fault Tolerance system for Distributed Systems. Wrote Controller, Services and repository layer
- Used Kubernetes Config-Map for centralized configuration an and Used CI/CD Pipeline and Jenkins for Microservices deployment
- Individual contributor more than 20 Microservices architecture DDD pattern and CQRS Using CURD operation, which will be server UI Functionality
- Implemented REST API's like Supplier, Supplier Contact, PartHistory, Dstatus, Issue, Email Service etc.
- Wrote Kafka producers/consume to stream the data from external rest APIs to Kafka topics by using JDBC Source and Sink Connector
- Developed story/task by following TDD/BDD. Providing daily status in scrum meetings with the client. Mentored new team members on effective usage of blend of Spring Boot /JPA and Java
- Involved on production deployment activities

Omni Channel Experience

From Dec-2017 to June-2019

Client -Swisscom (From Accenture)

Omni Channel Experience is a spring boot and angular based application which is a telecom ecommerce web platform for mobile and mobile spares. The application consists of Cloud foundry deployed on Swisscom cloud. The user group of the application is classified into producer group and consumer group. The consumer group of the application can use the application to buy the mobile and mobile spare from retailers. I'm part of Checkout team and build micro service. The producer group of the application who are retailers/ manufacturers can manage their product for sales and delivery. Technically the application is developed with performance and reliability factor in mind to deliver a great user experience for both producer and consumer group.

Technology Stack: Micro Services, Spring Boot, Spring Cloud, Core java, Git and Unit Test Case-Junit, Mockito, Checkmarx, Angular 6, Jenkins, SonarQube, Maven and Cloud foundry

Responsibilities:

- This Project is Greenfield project and responsible for End to end development feature
- Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria , requirement gathering and system design(Swagger).
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Integration with old and new system using REST Template call and Spring Actuator.
- Implement Microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF
- Integrated Swagger UI and wrote Unit test and integration test along with REST document.
- Implemented resilience4j a Latency and Fault Tolerance system for Distributed Systems. Wrote Controller, Services
- Used Spring Config Server for centralized configuration an and Used CI/CD Pipeline and Jenkins for Microservices deployment
- Individual contributor more than 8 Microservices architecture DDD pattern, will be server UI Functionality
- Implemented REST API's like Customer Management, Payment Method, Delivery Methods, Email Service, Payment gateway, Submit Order etc.
- Developed story/task by following BDD and Pair programming concepts. Providing daily status in scrum meetings with the client.

Ecom-med-redesign

From June-2017 to Nov-2017

Client – Cardinal Healthcare US. (From Accenture)

Ecom-medredesign is a spring boot and angular based application which is Medical Ecommerce web platform for cardinal healthcare to manage and sell the medical equipment's like rubber gloves / syringe /Medical kit and surgery equipment's. The application consists of Cloud foundry deployed on private pivotal cloud foundry. The user group of the application is divided in 3 – Admin and Business user and real-world user. Admin takes care of the access control related activity for the business user and Business user manages the product and its lifecycle. Technically the application is developed with reliability and resiliency and performance factor in mind to deliver a great user experience for the users

Technology Stack: Micro Services, Spring Boot, Spring Cloud, Core java, Git and Unit Test Case-Junit, Spock , Angular, Jenkins, SonarQube, Gradle and Cloud foundry

Responsibilities:

- This Project is Greenfield project and responsible for End to end development feature
- Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Integration with old and new system using Feign Client Rest call and Spring Actuator.

- Implement Microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF
- Integrated Swagger UI and wrote Unit test and integration test along with REST document.
- Implemented Hystrix a Latency and Fault Tolerance system for Distributed Systems. Wrote Controller, Services
- Used Spring Config Server for centralized configuration and Used CI/CD Pipeline and Jenkins for Microservices deployment
- Handling this greenfield project which I developed more than 5 Microservices DDD architecture, will be server UI Functionality
- Implemented REST API's like Items service, Item Availability Service etc.
- Developed story/task by following BDD and Pair programming concepts. Providing daily status in scrum meetings with the client.

lown

From Oct-2016 to June-2017

Client – Internal Product/E-Commerce (B2C) (From Unifylabs)

lown is a spring boot and JSP based application which is Ecommerce web platform for unifylabs to manage and sell, buy and add the product like TV, mobile etc. The user can by selecting their current location. The user group of the application is divided in 3 – Admin and Business user and real-world user. Admin takes care of the access control related activity for the business user and Business user manages the product and its lifecycle. Technically the application is developed with reliability and resiliency and performance factor mind to deliver a great user experience for the users

Technology Stack: Java, Spring Boot, Spring Boot JPA (Hibernate), MySQL, Web Services (Rest), Micro services and Spring MVC

Responsibilities:

- A requirement gathering, analysis and Design the Swagger interface.
- Developing new applications, components & functionality to existing systems
- Created Gradle builds to build and deploy Spring Boot(Rest API) Microservices
- Developing and configured in Tomcat server
- Developing new functionalities, both back-end and front-end(JSP)

AVCV (Activation verification and Credit Verification)

March-2015 to Sep-2016

Client – Internal Product/E-Commerce (B2C) (From Unifylabs)

A Postpaid SIM new connection activation and then fill the application that information enters the application and then field officer received the information and Verify the Customer. Whether staying the same address or not. Then provide to customer new connection or reject the connection

Technology Stack: Core Java, JSP, Servlet, Hibernate, MySQL and Apache Tomcat 7, and DAO

Responsibilities:

- Implementing the Customer Audit page, and validate the Customer is already exists
- Developing and configured in Tomcat server
- Based the Customer alternate mobile check the complete database and provide the information
- In Audit page display the Customer record and the next process
- To maintain the project and Based on new Requirements write the logic



CERTIFICATES & AWARDS

- IBM celebrate Excellence, Stellar performance awards in FY-2020
- Accenture celebrate Excellence, Client and Customer awards FY-2018
- Certified IBM Cloud Essentials (10/2020-11/2020)
- Certified SAgile framework 4.5(06/2018-07/2018)
- Certified course on Core Java, Advanced Java and Cloud Computing in AMC Square from Bangalore (07/2014-02/2015)



DECLARATION

I hereby state that all the information furnished above is true and reliable up to the best of my knowledge

Chandrakumar Ovanan