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**Summary:**

* 11 years of relevant Experience in application design, development using Java, Spring Framework modules Spring MVC, Spring Boot, REST Web Services, Hibernate/JPA, OAuth, MicroServices, AWS cloud-based java applications, Kafka, Maven, Unit Testing (JUnit), MySQL, Oracle PL/Sql, Agile based development.
* Proficient at Java 8 coding, collections, problem-solving skills & Data Structures and Algorithms.
* Expertise in Client-Server, Multi-Tier, Multithread Programming employing Object Oriented Analysis.
* Good in Requirement Gathering, Design, Development, Testing, Deployment, Maintenance phases of project life cycle.
* Experience in AWS Cloud services such as EC2, S3, Lambda, DynamoDB, EBS, ELB, VPC, ECS/EKS.
* Experience in leveraging AWS PaaS and IaaS based services like AWS Lambda functions.
* Developed Microservice based application from scratch using Java, Spring Boot.
* Experience in developing Webservices using REST API, JAX-RS and JAX-WS.
* Implementing the Cloud based secure applications using Spring Boot with OAuth, Spring Security.
* Experience with both relational and non-relational databases (MongoDB, MySQL, Oracle Pl/sql).
* Expertise in Core Java with strong understanding of OOPS Concepts, Collection API, Multithreading, Thread Pool, Executor Services, Event handling and Exception handling.
* Used Maven, Gradle & Ant to build and deploy scripts to generate WAR, EAR and JAR files.
* Experienced in Continuous Integration tool Jenkins CI/CD pipeline where we can Build and Deploy.
* Hands on experience in automating deployment using Terraform on AWS infrastructure.
* Followed Agile Methodologies, certified SAFE practitioner and Test Driven Development(TDD).
* Implemented Unit test cases(Junit) and mocking of the code.
* Experience with multiple front-end, back-end languages (Java/J2EE, Angular, jQuery, JavaScript).
* Used Kafka Broker and Service Registry for inter service communication.
* Good working experience on SOLID principles, implementing Design patterns and clean code practice.
* Proficient in writing stored procedures, Packages and functions using SQL & PL/SQL.
* Self-starter, fast learner, proficient in programming logic and easily adaptable to new technological environments and systems with proven abilities in resolving complex software issues.
* Proactively facilitating hiring potential full stack developers in the team, provide guidance for career planning to new hires in to the team and act as a mentor.

Technical Skills:

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| Elements | Particulars |
| Programming Languages | Java and J2EE |
| Web application Development Technologies | Spring, Hibernate/JPA, Rest APIs, OAuth2, Spring Boot, Microservices, Ignite Cache, Oracle Cloud, Angular |
| Service Brokers | Apache Kafka, Service Registry |
| Cloud | AWS (EC2, S3, Lambda, Dynamo DB, IAM, ELB, ECS), Terraform |
| Database Development | SQL, PL/SQL, Stored Procedure |
| Databases | Oracle, Microsoft SQLServer, MySQL, Redis, MongoDB, Dynamo DB |
| Development Tools | Eclipse, IntelliJ |
| Testing Tools | Junit, Mockito |
| Configuration Management | SVN, GIT,GIT Hub, Jenkins, Terraform |

**Education :**

Bachelor of Technology (Computer Science Engineering) from **National Institute of Technology, Warangal, India** - 2012.

**Professional Experience**

**Ivy Comptech Jan 2021 – Feb 2023**

**Senior Java Developer**

**Project: Eprotector - Fraud Detection Tools**

The goal of the project is detect & prevent fraud, money dumping & collusion in poker game by computing complex stats from hand history of player and notify the investigation team to further investigate the case.

* Collaborate with Business Users to gather, analyze and estimate the requirements as part of Sprint planning.
* Developed micro service from scratch using SpringBoot by consuming hand history from Apache Kafka.
* Built Rest API for displaying the stats on Eprotector Dashboard using SpringBoot.
* Used multithreading & Executor Service for consuming Kafka data, computing and dumping to Database.
* Implemented a Caching layer using Ignite and thereby reduced the latency of fetching & updating the stats into Mongo database.
* Worked on Service Registry for communication between the micro services.
* Developed REST APIs to add the stats filters by business user and to notify the investigation team of suspicious stats.
* Written database stored procedures, views, and implement communication between database and middle tier.
* Implemented AWS Lambda serverless functions, deploy application, create S3 storage objects and access permissions.
* Deploy applications on AWS ECS instance, implement IAM, wrote services for Storage objects.
* Using Terraform for creating and provisioning AWS Cloud services and managing resources.
* Developed the dashboards using Angular for displaying the suspicious user data to business user.
* Implemented the Security using OAuth, JWT to authorize the users.
* Written Unit test cases(Junit) and mocking of the code.
* Configure, architect application layout, design modules, optimize performance for both front end and backend layers.
* Mentor developers, involve in technical design discussions, prepare technical documentation.
* Interpreter, Iterator, Singleton, Factory, Observer design patterns were used to develop the services.
* Followed agile software development practice pair programming, test driven development, scrum status meetings.
* Used Git for version control and JIRA for bug Tracking and Project Management.

**Environment:** Java, SpringBoot, AWS, Terraform, Microservices, Service Registry, Rest APIs, JPA/Hibernate, Apache Kafka, Oracle DB, Mongo DB, OAuth, Ignite Cache, Git, Git hub, Jenkins, Angular, Multithreading, Kuberentes.

**ORACLE Feb 2018 - Dec 2020**

**Senior Java Developer**

**Project: Oracle Fusion Applications - Supply Chain Planning**

The aim of the project is to build a tool to compute how many Storage Rack Servers can be built using available server components while also respecting the priority rules (for sales orders and forecast demand) as defined by Business.

* Collaborate with Business Users to gather, analyze, estimate, design and develop the application.
* Implemented Reverse MRP algorithm in the Rack Engine to perform ‘What/if’ analysis by modifying the demand and supply picture.
* Data Structures such as Binary tree is used to store and fetch Rack Hierarchy.
* Designed, coded to pull data from SaaS and PaaS using Restful Web services to compute the incremental forecast of spare parts.
* Enhanced existing REST (API) by adding new operations using Spring, Jersey and created documentation for webservices using Swagger.
* Developed Micro services and used different servers like Spring config server, Eureka Service Discovery, Hystrix Circuit Breaker to integrate with spring boot
* Experience in Amazon Web Services (Amazon EC2, Amazon S3, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access).
* Experience in leveraging AWS PaaS and IaaS based services like AWS Lambda functions.
* Deploy and maintain the application on AWS EC2, EBS instance.
* Implemented the Security using OAuth, JWT to authorize the users.
* Integrated Hibernate with Spring Boot as ORM tool and to manage transactions in the application.
* Written database stored procedures, views, and implement communication between database and middle tier along with performance tuning of queries.
* Schedule and submit cron jobs on SaaS, PaaS and on-premises legacy.
* Used Maven, Gradle & Ant to build and deploy scripts to generate WAR, EAR and JAR files.
* Worked on Continuous Integration tool Jenkins to create CI/CD pipeline.
* Co-ordinate with developers to appropriately assign the User Stories in JIRA and then track the progress on daily basis as part of SCRUM meeting.
* Followed Agile Methodologies, certified SAFE practitioner and Test Driven Development(TDD).
* Implemented Unit test cases(Junit) and mocking of the code.
* Used Git for version control and JIRA for bug Tracking and Project Management.
* Mentor developers, involve in technical design discussions, prepare technical documentation.

**Environment**: Microservices, Java 8, REST API, JAX-RS, Spring Boot, JPA/ Hibernate , Oracle DB, OJET (UI), Junit, AWS, Jenkins, Git, GitHub, Data Structures & Algorithms, Kubernetes.

**ORACLE** **Dec 2015 – Jan 2018**

**Java Developer**

**Project: Oracle Fusion Applications - Supply Chain Vista Tool**

The goal of the project is to collect data from Tier1 and Tier2 External Hardware Contract Manufacturers(CMs) and load into GXP PaaS system for visibility to Supply Chain Operations(SCO) team.

* Responsible for requirement gathering, analysis, preparation of technical specifications document, design and coding of implementation details.
* Used Agile methodology and attended daily and weekly SCRUM meetings to update working status etc.
* Developed Rest API’s to store the data received from Contract Manufacturers.
* Enhanced existing REST (API) by adding new operations using Spring, Jersey and created documentation for webservices using Swagger.
* Implemented oAuth 2.0 for all rest endpoints, designed the automated process that runs daily,

processes each file, produces and archives the relevant data for SCO team.

* Developed test cases for each component in different panels using Junit, reported and deployed

using Jenkins.

* Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.
* Implemented transaction management using Spring AOP and used Spring Aspects for implementing logging functionalities.
* Created persistence layer using Hibernate for sending and retrieving data from the database.
* Written Stored Procedures using PL/SQL and functions and procedure for common utilities using

Oracle11g and MySQL.

**Environment:** Java 8, JAX-RS, Spring, Hibernate, Spring MVC, Oracle DB, WebLogic server, Data Structures/Algorithms, OJET(UI), Junit, OCI-Classic.

**ORACLE**  **June 2014 – Nov 2015**

**Java developer**

**Project: Subscription Plan Management**

Subscription Plan Management is a module primarily focusing on cloud subscription contracts and usage billing of services taken up by customers.

* Built utilities to collect meta data (data-sources, datatypes) from source file.
* Responsible for front-end development, metadata, and Database Design to support requirements.

for the reporting.

* Implemented modules using Core Java APIs, Java collection, Java 8, 11 (Streams), multi-threading, and object-oriented designs.
* Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions and Spring security modules.
* Integrated the ORM Object Relational Mapping tool hibernate to the spring using Spring ORM in our app and used spring transaction API for database related transactions.
* Implemented PL/SQL queries and used Oracle stored procedures.
* Implemented Spring Validators, persistence layer, and service layer components using Spring/ Hibernate API and Spring/Hibernate annotations.

**Environment:** Java 8, Spring, Hibernate, PL/SQL, Oracle DB, OJET(UI).

**QwikCilver July 2012 – May 2014**

**Java Developer**

**Project: Gift Card Processor**

Qwikcilver Solutions is an end-to-end gift card solution provider for retail brands such as Amazon, flipkart etc.

* Worked on Gift Card Billing POS (windows application for processing Gift Cards). Developed Bulk

Activate, Redeem and Reload Functionality using CSV.

* Implemented customized modules to facilitate integration with 3rd party platforms like amazon and flipkart.
* Written batch scripts for sending the analysis to client mailbox.
* Additional responsibilities include, requirement analysis, design discussions, mentoring junior

developers.

**Environment:** C#, SQL Server, Tableau, MySQL