

Pandiyan G

Jr. Software Engineer

Total Exp - 1 year and 11 months

Java Developer And Tester with 2 plus years of experience in designing, implementing and deploying commercial Enterprise Applications for Multi-tiered- distributed software products and distributed applications using Java/SQL technologies. Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development. Involved in defining and designing the layers, components of the project using OOAD methodologies and standard J2EE patterns and guidelines.

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Chennai Tamil Nar

Skills

Skill Summary

Spring Core

Microservices

Billing

Kafka

Oracle

JDBC

ANSI SQL

Hibernate

Domain-Industry Knowledge

Java 8

Communications

Agile Software Development

Core Java

Telecom

Technology Concepts

Cassandra

Angular JS

Java Server Pages

Security and Performance

AWS EC2

Work Experience

Cognizant Experience

VDSI-Consumer SOR CHN | Jr. Software Engineer- 1 Year (Oct 2021 - Oct 2022)

Project Description

This project is based on Telecom Based Data Services and providing Just in Time Rating and Billing Management Services to their client from CDR validation provided from Network team to Rating and Billing the Voice ,SMS and Data CDRs along with Error Correction Services using 40 + Spring Boot applications and Microservices.

Roles & Responsibilities

Working as a Java Developer mainly developing and modifying Spring Boot and Microservices telecom related applications as per business requirements and also developing UI based encoding and decoding CDR data files using spring boot and jQuery application as an internal tool and also have vast experience in business logics of 20 + telecom related microservices from CDR validation to rating and billing management along with Error Correction Services for Voice, SMS and Data usages in a file record based system.

Skills used for VDSI-Consumer SOR CHN

Billing

Angular JS

Cassandra

Java 8

Java Server Pages

ANSI SQL

JDBC

Domain-Industry Knowledge

Java 8

Communications

Agile Software Development

Core Java

Telecom

Technology Concepts

Cassandra

VDSI-Consumer SOR CHN | Trainee- 1 Year (Oct 2020 - Oct 2021)

Project Description

This project is based on Telecom Based Data Services and providing Just in Time Rating and Billing Management Services to their client from CDR validation provided from Network team to Rating and Billing the Voice ,SMS and Data CDRs along with Error Correction Services using 40 + Spring Boot and Microservices applications.

Roles & Responsibilities

Working as Java Developer and Tester mainly developing and modifying Spring Boot and Microservices telecom related applications as per business requirements and also developing UI based encoding and decoding CDR data files using spring boot and jQuery application as an internal tool and also have vast experience in business logics of 20 + telecom related microservices from CDR validation to rating and billing management along with Error Correction Services for Voice, SMS and Data usages in a file record based system.

Skills used for VDSI-Consumer SOR CHN

Billing

Angular JS

Cassandra

Java 8

Java Server Pages

ANSI SQL

JDBC

Agile Software Development

Communications

Core Java

Kafka

Telecom

Oracle

Technology Concepts

Domain-Industry Knowledge

Spring Core

Hibernate

Microservices

Security and Performance

Other Experience

Secure File Transfer Cloud Based App | Developer - 3 Months (Jan-2020 - Apr 2020)

Project Description

Secure File Transfer and Storage in cloud computing using Hybrid Cryptographic Algorithms such Blowfish Algorithm, Rivest Cipher (RC6) Algorithm. Advanced Encryption Standard (AES) Algorithm and Least Significant Bit Algorithm (LSB) and this project uses JSP servlets as Front End and Java & MySQL as Back end.

Roles & Responsibilities

Worked as a Co Developer in gathering requirements, designing and developing Hybrid Cryptographic Algorithms using JSP servlets as Front End and Java & MySQL as Back end technologies. Also Involved in testing the complete flow using cloud computing and cryptographic algorithms. Also Involved in creating Report and Paper Presentation documentations required for this project. Also attended Paper presentation and project display events such "Green Mechatronics System - GREEMS 2K20" event held in my college.

Skills used for Secure File Transfer Cloud Based App

Core Java

JDBC

Java Server Pages

ANSI SQL

Pension Management System | Jr. Full Stack Engineer - 3 Months (Mar-2022 - Jun 2022)

Project Description

This project is based on the managing pension related operations such as registering the user, retrieving the pension scheme and details, calculating pension amount based on the bank types and pension schemes using angular as front end and MySQL as back end and spring boot & microservices and REST web services for developing the business logics. This project is developed as part of Cognizant's GENC Digital Honors Program for Java Full Stack Engineer Role (FSE 0 Accreditation).

Roles & Responsibilities

Working as a full stack developer mainly involved in gathering requirements, designing and developing Reactive Full Stack Application which is developed using Angular as front end web application with JWT tokenization and Spring Security for application web security and MySQL and JPA repository as back end and spring boot & microservices along with eureka naming server and config servers and REST web services for developing the business logics and Junit for End to End Unit Testing. Also used Amazon cloud services such as Amazon EC2 , Amazon ElasticBeanStalk and Amazon S3 bucket

Skills used for Pension Management System

Spring Core

Microservices

Core Java

AWS EC2

Java 8

Angular JS

Digital Medical Records App | Developer - 3 Months (Jul-2020 - Sep 2020)

Project Description

This project is based on the managing medical prescriptions and records which includes registering the patient, retrieving the patient and consultant details and adding, editing the patient prescriptions using JSP as front end and MySQL as back end and spring boot and REST web services for developing the business logics.

Roles & Responsibilities

Worked as Java developer involved gathering the requirements, designing and developing the Medical Record Management application using JSP as front end and Spring Security for application web security and MySQL and as back end and Spring boot, Spring JPA Repository, JDBC Template and REST web services for developing the business logics. Also involved end to end unit testing using Junit. This application is developed as part of a code hackathon conducted by ADM-CMT of Cognizant Technology Solutions.

Skills used for Digital Medical Records App

Spring Core

JDBC

Java Server Pages

Java 8

ANSI SQL

Core Java

Tweet App | Full Stack Engineer - 2 Months (Jun-2022 - Sep 2022)

Project Description

This project is based on the Twitter app where creating a new tweet , likes, comments for that tweet can be done by multiple users. This full stack application uses angular as front end and Mongo DB as back end and spring boot & microservices and REST web services for developing the business logics. This project is developed as part of Cognizant's GENC Digital Honors Program for Java Full Stack Engineer Role (FSE 1 Accreditation).

Roles & Responsibilities

Worked as a full stack developer mainly involved in gathering requirements, designing and developing Reactive Full Stack Application which is developed using Angular as front end web application with JWT tokenization and Spring Security for application web security and MongoDB and Apache Cassandra as back end and spring boot & microservices along with eureka naming server and config servers and REST web services for developing the business logics and Junit for End to End Unit Testing. Also used Amazon cloud services such as Amazon EC2 , Amazon ElasticBeanStalk and Amazon S3 bucket for deploying the application in AWS cloud.

Skills used for Tweet App

Core Java

Cassandra

Java 8

AWS EC2

Angular JS

Microservices

Kafka

Spring Core

Career Highlights

Certified in NPTEL Course: "Information Security - IV". (Jan 2018 - Mar 2018). 3rd position in Zone-II State Level Inter Collegiate Quiz Competition conducted by Indira Gandhi Centre for Atomic Research, Kalpakkam at CIET, Coimbatore. Sports : - Runners in CEHA Hockey Tournament in association with CDHA at Suguna College of Engineering, Coimbatore (Sep 2022) - Runners in Anna University Zonal Level Hockey Tournament. (2017-2018) - Second Runners in Anna University Zonal Level Hockey Tournament. (2018-2019) & (2019-2020) - Winners in MCET Hockey Trophy 2020 and Second Runners in 2019. Position and Responsibility: - Organized a dance program in International World Record Cultural Event for School students by Elite Circle at Codissia Hall, Coimbatore. - Hockey Team Captain, Hindusthan College of Engineering & Technology. (2017-2020) - SPL, Swami Vivekananda Matric Hr.Sec.School. (2014-2016).

Education

Graduation

Bachelor of Engineering

05/20/2020