# NITHYAPRIYA M

## SOFTWARE DEVELOPER

## CONTACT

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📍 Sithanur, Salem

## EDUCATION

**Dhirajlal gandhi college of technology**

**(Affilated to anna university - chennai)**

BE - Electronics and Communicatoin Engineering
2018 – 2022 | Salem, India

## BIBLIOGRAPHY

Software Engineer with over 3.5 years of experience in full-stack Java development, specializing in Java, Spring Boot, SQL, and RESTful APIs. Proficient in building and optimizing scalable, high-performance applications with seamless back-end and front-end integration. Experienced in designing and implementing secure authentication using Spring Security, managing database interactions with Spring Data JPA and Hibernate, and writing efficient SQL queries and stored procedures to enhance database performance. Skilled in debugging, testing, and performance tuning to improve application efficiency. Hands-on experience in Thymeleaf for dynamic UI rendering, working with RESTful web services, and version control using Git. Passionate about learning and integrating new technologies to build innovative and efficient software solutions.

## SKILLS

### Frontend Development

- HTML5
- CSS3
- Bootstrap
- JavaScript
- jQuery
- AJAX
- Thymeleaf

### Backend Development

- Java
- REST API
- Spring MVC
- Spring Security
- Spring Boot.

### Database Management

- Oracle SQL
- MS SQL Server

### Build Tools

- **Maven**: Dependency management, project structure, plugin configuration

### Version Control & Tools

- Git
- GitHub

### Development Environments

- Spring Tool Suite (STS)
- Visual Studio Code (VS Code)
- Android Studio
- Oracle SQL Developer
- MS SQL Server Management Studio

# PROJECTS

## MERCHANT QR CODE PAYMENT (MAURITIUS)

**12/2024 - Present**

- The project encompassed Login, Admin, generate Static QR, Generate Dynamic QR, Scan QR, Transaction History.
- Merchant Profiles with various functionalities to cater to diverse banking needs.
- Collected the necessary documents and signatures required for merchants.
- The project is built using Spring Boot for both the front end and back end, following a microservices architecture.
- The front-end microservice handles UI interactions, while the back-end microservice manages database connectivity with Oracle.
- It allows transactions with other countries
- Enabling merchants to manage customer transactions and administrative functions with role-based access.
- Designed specifically for business representatives, the app facilitates a range of operations, including transaction tracking, service requests, and QR code payment processing for efficient transaction handling

## GENERAL LEDGER SYSTEM

**08/2024 - 11/2024**

- In the General Ledger module, I implemented account creation for customers, supporting the individual account, as part of the customer onboarding process.
- This includes managing the entire account creation process, ensuring accurate data entry, and maintaining up-to-date records for all customer transactions.
- This project is primarily designed to enhance and streamline the operations of a Lease Loan Banking Application.
- This application's data is stored and managed using MS SQL.

## MERCHANT QR CODE PAYMENT (BOTSWANA)

**04/2023 - 07/2024**

- The project encompassed Login, Admin, generate Static QR, Generate Dynamic QR, Scan QR, Transaction History.
- Merchant Profiles with various functionalities to cater to diverse banking needs.
- I have started with the technical design, flow diagram, sequence diagram for the proposed solutions.
- The transaction process allows only domestic transactions.
- Enabling merchants to manage customer transactions and administrative functions with role-based access.
- Designed specifically for business representatives, the app facilitates a range of operations, including transaction tracking, service requests, and QR code payment processing for efficient transaction handling

## TAB BANKING

**09/2022 - 03/2023**

- The application is designed for bank employees who onboard customers using a Web Applicatoin.
- It is a fully digital process, where user details are captured digitally, and the process seamlessly moves on to the next steps.
- Register the customer's details. After registration is completed, an OTP will be sent to the registered phone number to verify it.
- Gather the documents required to verify the customer and open the account.
- Once verification is complete, the account will be created for the customer.

## ACCOUNT CREATION PROCESS

**02/2022 - 08/2022**

- In this project, I worked on the customer account creation process and KYC verification, managing hold/reject records and providing an option to update details after they are filled.
- Created joint and individual accounts for the customers.
- Implemented robust security measures to safeguard customer data.
- The project is built with Spring Boot for both the front end and back end, with ORACLE as the database.