

Software Engineer

Name : Roobanraj K

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Android development skills

- Around **4.5 year of extensive hands-on experience** in developing and deploying applications with **Radiant Info Systems Ltd & Craft silicon Pvt Ltd** since September 2021.
- Good Experience in the most used languages to create Android apps in **Java and Kotlin**. Used Java Features of Streams, Lambdas and Collections.
- Experience in **UI developing** using Compose and XML for user-friendly High-quality Design for various screen Resolutions.
- Great Knowledge in **Firestore and Various third-party libraries**.
- Implemented a **High Secure Payment Gateway** like RazorPay, CCAvenue, Bill desk, Paytm, Axis and ICICI bank Gateways.
- Extensive experience in Consuming Web services like **SOAP and RESTFUL** using various libraries like **Retrofit, Volley, Asynchronous and RxJava**.
- Developed Applications for **Mobile and POS systems** for Various SDK and Android levels
- I learned about some of the Design Patterns that are used in Android to write a cleaner and understandable code like **MVC, MVP, and MVVM pattern**.
- Learned and worked about different **Android SDK's and Platform tools**
- Good Knowledge about Broadcast receiver and Services.
- Having Knowledge **Offline Storages** like Local **SQLite** databases Operations storing and retrieving operations.
- Developing Strong Secure application by protecting against Memory leaks on Rooted devices.
- Cracked **VAPT test** by sending My application against all Vulnerability tests and block box tests.
- Maintained applications in **GitHub** using version controlling systems operations like Push, Commit, Update, Rollback.
- Deployed application in **Play store, Pax Store, Money Store** and Updated frequently.

Educational Qualification:

1. Completed B.E. - MECH from Roever Engineering College, 2021 with **8.40 CGPA**
2. Completed Diploma from Thanthai Hans Roever Polytechnic college, 2018 with **94%**
3. SSLC from Thanthai Hans Roever Higher Secondary School, 2015 with 86 %

Working Experience: -

Mobile Apps: Online Passenger Reservation System

Projects:

1. **TNSTC** - TamilNadu State Express Transport Corporation.
2. **GSRTC** - Gujarat State Transport Corporation.
3. **BUSINDIA** - Private Bus Reservation App.
4. **OSRTC** - Odisha Road Transport Corporation.

Role: Developer

Team Size: 5

Tools Used: Android Studio, DB viewer, SOAP and Postman and etc.,

Project Description:

The aim of this project is to facilitate online **bus ticket reservations** through a mobile app. This system allows users to log in and book tickets in advance, providing an alternative to waiting in long queues at ticket counters. **The app offers comprehensive details about available buses, including schedules, seat availability, and fares. Users can easily reserve and cancel tickets through the application.** The app also features discount options and a secure payment gateway for hassle-free transactions. This mobile app is especially beneficial for individuals with busy schedules, enabling ticket booking and cancellation at any time, day or night, from the convenience of their smartphones.

POS Projects: (POINT ON SALE machines)

Projects:

1. **TNSTC US** - POS Application for All Corporation Like SETC, KUMBAKONAM, SALEM and Etc with Pine Labs ETM Devices
2. **GSRTC** - Gujarat State Application with Paytm Devices.
3. **UDUPI ETM** - Private Bus Operator Application with World Line Devices.

Role: Developer

Team Size: 4

Tools Used: Android Studio, DB viewer, SOAP and Postman and etc.,

Project Description:

The project objective is to **book tickets on POS devices for on-route buses**. The main feature of the application is **its ability to work in offline mode, where all data is stored in a local database and later pushed to the server when internet connectivity is available**. This project, implemented by the Tamil Nadu, Gujarat, and Karnataka state governments, supports the Government of India's Digital India campaign by promoting digital transactions and improving public transportation services. By **facilitating over 1 crore transactions daily**, these applications significantly reduce reliance on manual ticketing, enhance transaction security, and improve overall efficiency for bus operators and passengers alike.

Project Name: Chaloyaar.com (Web Application)

Projects:

1. **Chaloyaar.com** – A Private Bus Booking Platform by taking Different STU's in India like Bitla, EzeelInfo, NueGo API.
2. **Chaloyaar Admin** – Administrative Portal for managing the Booking of Chaloyaar.
3. **Chaloyaar API** – A RestAPI Application for Android and IOS Application

Role: Team Lead

Team Size: 6

Tools Used: Eclipse, IntelliJ IDE, Android Studio DB viewer, SOAP and Postman and etc.

Project Description:

Chaloyaar.com is designed to revolutionize the private bus booking experience by integrating multiple STU services into a single platform. By facilitating easy access to a wide range of bus services, it aims to enhance user convenience and improve operational efficiency for bus operators. This project aligns with the Digital India initiative, promoting digital transactions and contributing to the modernization of public transportation. The platform handles thousands of transactions daily, significantly reducing the need for manual ticketing and ensuring secure, efficient, and user-friendly booking processes.

Roles and Responsibilities:

- Create a project structure as per MVC, MVP, and MVVM Architecture.
- Responsible for The Project Production safety.
- Understanding business requirement
- Creating an application for Various Android API levels
- Creating a High Quality UI/UX design

- Deploying Application in Play Store
- Developed Payment Gateway for Transactions.
- Checking Firebase, finding bugs and Improving performance
- Exposing of restful web services
- Understanding Various Third-party Libraries for Development
- Coding an Understandable code which is usable for Reproductive
- Perform form High secure validation using Google and Emails
- Developing Modules for POS (Point on Sale) machines as per clients Requirements.

Profile Summary

1. **Name:** Roobanraj K
2. **Religion:** Hindu
3. **Date of Birth:** 02 - 09 - 2000
4. **Current Address:** 30,1st C cross Road, 20th main road, Maruthi Nagar, BTM 1st Stage, Bangalore-560029, Karnataka
5. **Permanent Address:** No: 46, North Street, Aranarai (PO), Perambalur (TK)(DT), Tamil Nadu
6. **Current Location:** Bangalore

All The above information mentioned is true.