

Nirmohi Patel

✉ nirmohi369dnd@gmail.com ☎ 6352204316 📍 Gujarat, India 🌐 Nirmohi Patel

PROFILE

Highly motivated Software Engineer with more than 3 years of experience in mobile app development seeking a position at a fast-paced organisation to leverage my skills in Flutter development and user interface design, and contribute to the creation of innovative mobile applications.

PROFESSIONAL EXPERIENCE

Mobile Application Developer, *Interpay*

05/2023 – present | Riyadh, Saudi Arabia

Environment: Flutter

Work accomplishment:

- Developed a multi-platform retail POS application using the BLOC pattern with Cubit.
- Built and deployed APIs using Firebase Cloud Functions in Node.js environment.
- Automated payment application transactions using Firebase APIs and Realtime Database.
- Established USB connection between Miura device and application for faster transactions.
- Implemented transaction processing in a desktop application using Java services, HTTP requests, and web sockets.
- Worked on Flutter plugins with native Android(JAVA) and iOS (Swift) codes to communicate with SoftPOS app for App2App payments from 3rd party apps.
- Implemented offline-first architecture with isolates for faster app performance and seamless use without internet.
- Performed testing, debugging, and release of Android and iOS builds.
- Managed local data storage using SQL queries with Sqflite. Provided technical support and attended client meetings. Documented and created code samples for cloud-based integration with the SoftPOS app.
- Designed an SDK to keep the app's logic and interface separate, making it easy for other platforms to connect and use the data.
- Enhanced the UI for optimal user experience across all device configurations, from desktops to tablets and smartphones.

Projects: SoftPOS, Retail ECR, Taxi World, Intercity SuperApp

Apps:

SoftPOS Android [🔗](#)

SoftPOS iOS [🔗](#)

Intercity Supper App [🔗](#)

Interpay Retail ECR [🔗](#)

Junior Software Engineer, *TenUp Software Services, LLP*

02/2022 – 05/2023 | Vadodara, India

Environment: Flutter

Work accomplishment:

- Developed user interfaces based on design specifications provided in Figma and Adobe XD.
- Implemented RESTf API integrations using http package.
- Build an In-App one-to-one chat application with other users (send text, image, documents) and added the feature of online / offline status.
- Configured the Google Maps for live location tracking and displayed the tracked route in the application according to the client's needs.
- Set up push notifications for Android and iOS using firebase FCM service.
- Implemented Google Sign-in for authentication and synchronization of events with Google Calendar.
- Add Crashlytics SDK to monitor app stability using collected crash reports.
- Added environments for firebase that can be used separately for debug and release models

Projects: AgentDuty, HRMS

Apps:

AgentDuty Android [🔗](#)

AgentDuty iOS [🔗](#)

Graduate Trainee, Paul Mason Consulting, Vadodara

09/2020 – 04/2021 | Vadodara, India

Environment: Java

Work accomplishment:

- Enhanced existing reports in the Retail POS system and optimized complex SQL queries within the application.
- Implemented XML data processing solutions in Java, including parsing XML files, mapping data to Java objects, and ensuring efficient data flow between systems.
- Integrated Jira with Power BI to produce a report from Jira.
- Solved ad-hoc and priority issues separately and also along with the other developers.
- Created one stand-alone CSV extract utility that can be used by a third party to consume the required dataset.

Projects: World Duty Free

SKILLS

Flutter | Dart | BLOC Pattern | Firebase | JAVA (Android) | Swift (iOS) | AWS | Adobe XD |
Figma | Git | Github | Bitbucket | Sourcetree | REST API | JIRA | Eclipse | Arduino | Xcode |
Azure DevOps | NodeJS | NodeMCU

PROJECTS

Smart Caretilla, Android, Arduino

12/2020 – 04/2021

- Developed a self-billing system for smart shopping in malls and markets to reduce checkout time.
- Integrated a barcode scanner to automate the billing process by reading product details.
- Implemented theft protection using weight sensors to ensure a balanced cart before allowing checkout.
- Built the system using Android, Firebase, and hardware components such as Node MCU and Load Cell.

FoodCall - The smart choice., Android

09/2020 – 11/2020

- Designed an Android application aimed at reducing food wastage in companies, messes, and canteens.
- Developed a system to manage employee information and gather feedback on meals, ensuring chefs could accurately prepare food based on the number of employees.
- Built the application using Java in Android Studio and connected it to a 000webhost database for seamless data management.

EDUCATION

B.E. (CSE), Babaria Institute of Technology (Now KPGU)

08/2017 – 06/2021 | Vadodara, India

- CGPA - 9.74

HSC (12th), Auxilium Convent High School

06/2016 – 03/2017 | Vadodara, India

- Percentage - 70%

SSC (10th), Auxilium Convent High School

06/2014 – 03/2015 | Vadodara, India

- Percentage : 77%

CERTIFICATES

- Ultimate AWS Certified Cloud Practitioner (Udemy)
- Android Training from 36336Apps Institute for Android Applications
- Data Analysis Nanodegree (Udemy)
- Data Science and Machine Learning For Beginners with Python (Udemy)