Nirmohi Patel

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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 App 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.
- Developed a background service to listen for HTTPS URL calls for performing transactions.
- 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 REST 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.
- Integrated background notifications and managed on tap events with navigations.
- Implemented Google Sign-in for authentication and synchronization of events with Google Calendar.
- Worked with Firebase services that includes Authentication, Crashlytics, Realtime Database and Dynamic Links.
- 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) │ NodeJS │ Javascript │ GetX │ AWS │ Adobe XD │ Figma │ Git │ Github │ Bitbucket │ Sourcetree │ REST API │ JIRA │ Eclipse │ Arduino │ Xcode │ Azure DevOps │ NodeMCU │ Unit Testing │ Widget Testing │ CI/CD (Codemagic)

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)

- Data Analysis Nanodegree (Udemy)

- Android Training from 36336Apps Institute for Android Applications

- Data Science and Machine Learning For Beginners with Python (Udemy)