

Prathamesh Sawant

Consultant | Team Leader | Android Developer

[Portfolio Website: PrathameshS.com](http://PrathameshS.com)

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Highlights

11 years of experience in Android application development across Banking and AFC domains..

Developed Android-based handheld POS Solutions for Metro AFC Systems leveraging PAX SDK.

Proactively built Flutter apps and 2D Unity games through personal projects.

Published 4+ personal play/app store apps with total app downloads of 50,000+ with average 4 rating.

Received Team Award for "Excellence in Execution" in Datamatics Annual Achievers Award.

Technical Skills

Android Stack

MVVM Architecture, Navigation Component, Hilt, Data Binding, Room, Work Manager, Kotlin-Coroutines.

Libraries - RxJava2, Retrofit, Firebase

(Authentication & DB), Picasso, ML-Kit.

Platforms - IBM MobileFirst Platform 7.0

Testing - Mockito & Espresso

Security - SSL Pinning, APK Tampering, Code

Obfuscation, Latest Cryptography,

Cross Platform Stack

Flutter 1.2 (Dart 2) & Unity 2D.

Web Technology

Bootstrap & WordPress Template Designing.

Other Technologies

IOT - Raspberry Pi with Android Rainbow HAT.

ChatBot using ChatScript.

Worked on Android POS Device

PAX A920 & PAX A910S.

Programming Languages - Java, Kotlin, C#,

PHP, JavaScript and Python.

Work Experience –

1. **Consultant** @ Datamatics Global Services Ltd. (02/2020 to Current)

- Develop and architect high-quality applications as per business requirements.
- Collaborate with internal teams and vendors to fix and improve products.
- Implementing App security best practices, including encryption and secure authentication.

2. **Team Leader** @ MobiTrail Ltd. (11/2014 to 01/2020) – 5 years

- Guide & Provide Technical leadership to teammates through coaching & mentorship.
- Architect, Develop & Test applications in accordance with the business requirement & latest industry standards.

Projects (Screenshots, video preview & download links available on [PrathameshS.com](https://prathamesh.com))

Best Work Projects

1. NCRTC HHD – Delhi Metro

Developed an Android [POS App](#) on [PAX A910S](#) to issue, validate, and scan QR-based tickets, with offline support and revenue reporting.

2. Go901 HHD – MATA (Memphis, USA)

Developed an Android [POS App](#) for Mata Bus Operators on [PAX A920](#) to issue, validate, and transfer tickets, with real-time updates via MQTT.

3. RBL Salary App – RBL Bank

Customer facing application available at branches which allow users to authenticate using [face recognition](#) & withdraw/deposit money.

Built using [Firebase MLKit](#).

4. TAB ECRF – Axis Bank

Customer facing application which allows customers to update PAN / Email / Mobile / ChequeBook using Aadhaar based Finger [Authentication using Morpho SDK](#).

5. Oswal Antiques ([Live on Play Store](#))

A customer facing application where users can bid on live auction. [Implemented using SignalR](#).



Best Personal Projects

1. RTO Exam India ([Flutter](#))

Offline Guide for candidates who are appearing for the RTO Exam. Live on the App Store.



2. Tally Up – Game([Unity-2D](#))

Simple [2D game](#) to improve cognitive skills. User has to identify which half tallies up to highest value or both are equal.



3. NumBubbles ([Unity-2D](#))

A mini [2D game](#) in which the user has to identify & pop the bubbles that equal the target number.



4. IOT- RaspberryPi

Demo of controlling Rainbow Hat lights on [Raspberry Pi](#) via PHP REST API, consumed in an Android app. [Scan QR for Video Demo](#).



5. SimpleArcLoader ([Library](#))

Custom Loader [Android Library](#). This library has been starred 95 times on GitHub.

Education

- **Masters of Computer Application**

Late Bhausaheb Hiray College - Mumbai University.

Graduated: 2014

- **Bachelor of Science in Physics**

Bhavan's H.S College - Mumbai University.

Graduated: 2011

Achievements

Received Team Award for "Excellence in Execution" in Datamatics Annual Achievers Award.

Featured in Newspapers (Maharashtra Times, Prahar & NavBharat Times) for College Guide.

Hobbies

Gaming, 8-Ball Pool & playing football.