

Jaypalsinh Barad

Android Developer

Ahemdabad

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Summary

- A year spent diving into the Android universe, fueled by a Silver Medal in the challenging NPTEL “Programming in Java” & “Introduction To Internet Of Things” course, ignited my passion for crafting mobile experiences. As a core member of GDSC Silver Oak University
- I thrive in the developer community, soaking up knowledge and collaborating on projects. This thirst for exploration propelled me into the world of professional Android development, where I've spent the past 4+ years weaving my technical prowess into engaging apps. along with android development I gain skill in Ktor Server, AWS Cloud, Kotlin/Compose Multi-platform, MacOS, iOS Swift UI development.

Work Experience

Android Developer - Devicethread

Hyderabad, Feb 2025 - Present

- Engineered and delivered robust Android TV applications specifically designed for the hospitality sector, focusing on enhancing guest experience and operational efficiency.
- Pioneered the adoption of a multi-module architecture for large-scale projects, significantly improving code maintainability, scalability, and feature isolation within the Android TV ecosystem.

Android Developer - iCoderz Solutions

Ahmedabad, Dec 2022 - Dec 2024

- Developed IoT Ev Charger App, along with Communicate with BLE Device.
- Working with project based solutions, where i build multi module architecture.
- Converted MVP Architecture into MVVM Clean architecture, By the archive 50% Performance in App Start-time and Navigation.
- Learned Jetpack Compose that allow build smother and light-weight Material UI along with high performance.
- Created Kotlin Multi-platform Project, where primary focus on Mac OS components.

Android Developer - Faber infinite consulting

Remote, Oct 2022 - Dec 2022

- Developed the OE-XPRT app, a mobile application for Operational Excellence Skill Analysis.
- Worked with the product team to design the app's features and user-interface, Implemented the app's back-end logic and database.
- Deployed the app to the Google Play Store.

Android Developer - Simmi Foundation

Remote, Jan 2022 - Oct 2022

- The app provides users with information about Simmi Foundation's programs and services, as well as the ability to donate, volunteer, and stay up-to-date on the latest news and events, Used Android Studio to develop the app, and Firebase as a backend.
- Tested the app on a variety of devices and ensured that it was compatible with all major Android versions, Successfully launched the app on the Google Play Store.

Work Experience

Android Developer - Arema technologies

Remote, Mar 2021 - Apr 2022

- Implemented security features to protect user data, Published the app on the Play Store.
- Built a quick loan application that allows users to apply for-loans online, Built an
- HRMS app that helps businesses manage their employees.

Skills & Tools

Android SDK, Kotlin, Java, Jetpack Compose, Android WearOS, Android TvOS, REST API, Web Socket, MVVM, MVP, Dagger Hilt, IoT, BLE, SaaS, Git, Firebase, Ktor Server, Docker, PostgreSQL, Kotlin Multi-platform, Android Studio, IntelliJ IDE, XCode

Data Structure & Algorithm, Object-Oriented Programming (OOP), Clean Coding, Communication, English, Figma, AWS Cloud, Google Cloud, Play Console, Whimsical, Notion

Projects

RaktaCare - Blood Donation App

KMP, Developer, 2024

- Targeting Mobile, Web and Desktop platform, Using Compose Multi-platform.
- This app feature Google Map, Firebase Auth with Social Sign-In & Phone, Firebase Cloud Messaging, Local Notification.
- For API and WebSocket used Ktor for Client & Server, For UI used Jetpack components like Navigation, View Model, Material UI etc.

Baghdadi Sooq - Delivery, Taxi Service App

Android, Developer, 2024

- Baghdad Iraq based solution is used for Multi Business like Buy product from global platform like Amazon, E bay any other e-commerce platform via our applications, Food and Grocery Delivery Business.

PMS Tracker - Employ Activity Tracker

MacOS, Developer, 2024

- Using MacOS Native Api tracking user activity like Keyboard and Mouse.
- Worked with SwiftUI, NSEvent, Accessibility Service, Background Service and Storyboard.

DEONDE - Food Delivery SaaS

Android, Developer, 2023

- Converted MVP Architecture into MVVM Clean architecture.
- Food and Grocery delivery SaaS multiple solutions. These solutions are used for Multi Category Business, Multi Restaurant and Store Business like Brand Chain, Single Owner Business and Restaurant Waiting management application.

Sonik Mobility - EV Charging Station App

Android, Developer, 2023

- Worked with Custom Back-end, IoT EV Charger, OCPP Protocol
- Working on communicating EV Charger through BLE, manage charger availability, reversion and online payment gateway.

Projects

ConFab - Chat App

Android/Backend, Developer, 2022

- Simple Material Design user interaction with Jetpack Compose
- Securely transfer data with backend using AES encryption
- Started Develop in Compose, Now migrated into Compose Multi platform.

OE-XPRT- Skill Evolution App

Android, Developer, 2023

- Worked with Firebase Database, MVVM, Offline Capability etc,
- App is managed Controlled by Admin App.

Simmi Foundation - NGO App

Android, Lead Developer, 2023

- The app provides users with information about programs and services as well as the ability to donate, volunteer, and stay up-to-date on the latest news and events.

Education

B.Tech, Computer Engineering - Silver Oak University

Ahmedabad, 2025, 8.0 CGPA

- Advanced Machine Learning, Open Source Software Engineering, Engineering Graphics Design
- Compilers + Practicum, Cloud Computing, Evolutionary Computation, Defending Computer Networks, Machine Learning

H.S.C in Science - Scholar Science School

Chandisar, 2021, 66.78%

Achievements

Manage Kubernetes in Google Cloud

Google - Sep 2024

- learned about Google Kubernetes Engine and multiple deployment approaches including how to: configure and build images to run and debug Docker containers, build Kubernetes Engine clusters

The JEDI of iCoderz

iCoderz Solutions - Jul 2024

- Awarded for pioneering initiatives that promoted diversity and inclusion within the iCoderz team. Successfully implemented Product major structural changes & developed on demand features.

Introduction to Internet of Things

NPTEL - Apr 2024

- learned about IoT-based applications such as innovative shopping system, infrastructure management in both urban and rural areas, remote health monitoring and emergency notification systems, and transportation systems, are gradually relying on IoT based systems.

Microsoft Student Ambassador

Microsoft - Sep 2023 - Sep 2024

- Student Ambassadors are a global group of campus leaders who are eager to help fellow students, create robust tech communities and develop technical and career skills for the future.