

Rajesh Pattanaik

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CORE COMPETENCIES

*Application Development
Architecture Design
Unit Testing
Test Driven Development
Continuous Integration &
Deployment
Technical & Production Support
Knowledge Sharing
Reporting & Documentation
Liaison & Coordination*

PROFILE SUMMARY

- Result driven professional with a verifiable track record of **over 5 years** in **architecting and building Android apps** for mobile and tablet devices
- Extensive knowledge and working exposure in **Application Development Lifecycle** right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases along with implementation) to maintenance of proposed applications
- **Wrote and published articles** related to Android App Development on Medium; holds the merit of developing and publishing **personal apps (Motively & Stickerly) on Google Play Store**
- Excellent track record of **designing customized IT solutions** for high profile clients; capability to interface with clients, suggest viable solutions, cultivate relations with them for securing repeat business
- Notable success in leading design, development and delivery of complex applications like **Fleet Management & Employee Tracker for Cara Jewelleries** and **POCs for Avaya**

IT SKILLS

- Data Structures, Algorithms, Object Oriented Analysis & Design
- Java, Kotlin, JavaScript
- Android SDK, Material Design, Android Architecture Components, Architectural Patterns (Clean Architecture, MVP, MVVM, MVC), Google Play Services (Maps, Places, AdMob etc.), 3rd Party Libraries (RxJava, Dagger, Retrofit, OkHttp, Glide, Fresco, Epoxy etc.), Unit Testing, TDD, Debugging, Performance Analysis & Optimisation
- Expertise in various Firebase services like Firebase Cloud Messaging (FCM), Authentication, Real-time Database, Cloud Firestore, Storage, Cloud Functions, Firebase Hosting, Remote Configs, Dynamic Links, Crashlytics
- REST API development with NodeJS and ExpressJS
- Expertise in various Database Systems like SQLite, Realm, Cloud Firestore

ORGANISATIONAL EXPERIENCE

Great Software Laboratory (GS Lab), Pune as Senior Software Engineer

Since Jul'17

Key Result Areas:

- Gathering and responding to client requirements for apps with an eye to the most feasible and effective solutions
- Creating and maintaining architecture design and documentation for apps to be built from scratch
- Coordinating with team members to build client apps within scheduled timelines
- Undertaking knowledge sharing among team members on various aspects of Android App Development like architecting apps with various patterns (e.g. MVP, MVVM, Clean Architecture, so on), writing maintainable and reusable codes by taking advantage of libraries (e.g. RxJava, Dagger, Retrofit, so on) to ensure quality code contribution to the codebase
- Ensuring that the apps are well-tested to meet client requirements

Highlights:

- Built production apps like Fleet Management and Employee Tracker for Cara Jewelleries
- Developed successful POCs for Avaya which were presented by them at Gitex, 2018

Tech Mahindra Ltd., Pune as Software Engineer

Jan'14 – Jun'17

Key Result Areas:

- Worked as a part of the Innovation Lab (currently known as the Maker's Lab) of Tech Mahindra
- Contributed apps like RUPEL & ASM Central for British Telecom, Gandhigiri & mConnect as in-house products
- Introduced MVP, Clean Architecture and various 3rd party libraries into the team to make colleagues familiar with building scalable, testable and maintainable apps

Highlights:

- Initiated conversion of few hybrid apps to the native which resulted in 30-40% performance boost
- Automated many tasks of BT ASM Team which increased the productivity by 90%

PERSONAL APPS

- **Motively:** Helps users to stay motivated by providing motivational videos, quotes and stories (For more information please visit <https://motively.app>)
- **Stickerly:** Helps users to download cool stickers for WhatsApp (For more information please visit <https://stickerly.app>)

BLOGS PUBLISHED

- Learning Android Development in 2018
- Easy Job Scheduling with Android Job

ACADEMIC DETAILS

B.Tech in EEE from Krupajal Engineering College, Bhubaneswar in 2013

PERSONAL DETAILS

Date of Birth: 21st May 1992
Languages Known: English, Hindi & Odia
Address: Bavdhan, Pune – 411021