RAJESH PATTANAIK

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Current Location: Bavdhan, Pune, IN – 411021

EMPLOYMENT

Software Developer Tech Mahindra Ltd Jan 2014 - Present

- Currently working with the Maker's Lab (Innovation Lab) of Tech Mahindra as an Android App Developer.
- Introduced MVP and Clean Architecture in the team and got my colleagues familiar with these patterns to create scalable, testable and maintainable apps.
- Created a template project with Clean Architecture which is used for most of the new android projects. Hence reduced the development time of any new android project by 20%.
- Took the initiative to convert some of the hybrid apps to native apps and increased the performance of each app by 30-40%.
- Automated many tasks of BT ASM team which increased the productivity of the team by 90%.
- Conducted technical sessions to share my knowledge with my colleagues and also to learn from them which in turn is helpful to both the organization and the employee.

THEORETICAL AND TECHNICAL EXPERTISE

- Data Structures, Algorithms, Object Oriented Analysis and Design, Databases, RESTful Web Services
- Android SDK, Material Design, MVP, MVVM, Google Play Services, 3rd Party Libraries (e.g. Retrofit, OkHttp, RxJava, Dagger, Gson, Glide etc.)
- Java, Kotlin, HTML5, JavaScript, NodeJS, ExpressJS, AngularJS, ReactJS, React Native
- SQLite, Realm, MongoDB, Firebase
- Debugging, Bug Fixing, Unit Testing, Memory/Battery Optimization, Performance Analysis and Tuning
- Git, SVN, IBM Bluemix, Amazon AWS, Heroku

EDUCATION

Bachelor of Technology, Electrical & Electronics Engineering Krupajal Engineering College, Bhubaneswar, Odisha, India

2009 - 2013

SELECTED PROJECTS

1. LIFE SAVER – AT&T, US

- Life Saver is an ongoing mobile app project for AT&T to help its site workers in managing their tasks.
- Implemented some of the main features of the Android application which include QR Code Scanning, Geo-fencing, Fall Detection using Accelerometer and Barometer sensor data.

2. MCONNECT – TECH MAHINDRA, IN

- MConnect is a mobile app which provides relevant details of events hosted within Tech Mahindra campus. The associates can also interact with each other through this app during the event.
- Lead the android app development team to complete the app in three weeks just before the MI17 event took place.
- The invitees, speakers and TechMassociates liked the app so much that our team won *The Best Team Award* among 37 other teams in the MI17 event.
- https://play.google.com/store/apps/details?id=com.techmahindra.mconnect

3. FNI (FEEDBACK & INFORMATION) — PERSONAL SIDE PROJECT

- An Android app in which users can post and view reviews for the locality they are living in or they have visited based on different criteria.
- These reviews can be analyzed and shared with concerned authorities for better development of each area which in turn will develop our nation in a better way.
- https://play.google.com/store/apps/details?id=com.rkpattanaik.fni

4. RUPEL - BASE TELECOM, BELGIUM

- Rupel is an android app developed for BASE Telecom to help its site workers remove all the paper works done in collecting site data and then manually entering in the database.
- Using this app the site workers can collect the data offline and upload to the server straight away from the app when they come online.
- Helped BASE Telecom in cutting down its expenses in site data maintenance by 70%.

5. GANDHIGIRI – TECH MAHINDRA, IN

- Gandhigiri is a step forward movement by Tech Mahindra to support 'Clean India' national campaign initiated by PM Narendra Modi.
- This is non-profitable movement which covers stated, districts, area/towns to focus on day to day social issues faced by a common man related to roads, public parks, public toilets, sewage clearance system, public transportation, encroachment in public places, infrastructure, bus and railway station etc.
- https://play.google.com/store/apps/details?id=com.techm.cleanindia

6. ASM CENTRAL – BRITISH TELECOM, UK

- This is an android app to facilitate various service management tasks of BT like KPI monitoring, Problem Management, SLA Management, Incident Management.
- Automated all the tasks of the BT ASM Central team and increased the productivity by 90%.

ADDITIONAL TRAINING

- Java Training from Lara Technologies, Bangalore
- Complete NodeJS Developer Course from Udemy Inc.
- Complete React Web App Developer Course from Udemy Inc

BLOGS PUBLISHED

"Easy Job Scheduling with Android-Job" on Medium.com