

TRINADH THATAKULA

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Professional Summary

Successful Android Developer proficiently translates wireframes and prototypes into reliable code that is highly versatile and remains resilient to glitches, bugs and software updates. Collaborative developer with reputation for building lasting relationships among team members, partnering across departments to produce highly effective content that meets desired outcomes. App-oriented architect with meticulous attention to detail in strategic design and problem-solving.

Skills

- Android development
- Java based Object-oriented programming
- Kotlin
- Jetpack Compose
- RESTFul API - KTOR, Retrofit
- DI - Koin, Dagger-Hilt
- Cloud Platforms - Firebase, Google Cloud Platform
- Maps - Google Maps SDK, Here Maps, Mapbox, TomTom API
- Database - Sqlite, SQLDelight(basic), Oracle DB, Room DB
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Work History

SENIOR ANDROID DEVELOPER, 11/2017 - Current
Ramson Softech Private Limited, Hyderabad, India

- Devised documentation for each app, detailing operation aspects, functions, capabilities and features.
- Designed user interfaces that engaged multiple senses and produced immersive experiences.
- Defined, created and maintained technical and user documentation, test cases and release notes.
- Employed third-party APIs to facilitate seamless access to external, in-app cloud data.
- Employed JUnit framework to perform unit tests.

Education

Bachelor of Arts: Accounting and Finance
Acharya Nagarjuna University - Guntur, Andhra Pradesh, India, 05/2016

Intermediate: Mathematics, Physics and Chemistry
Sri Gayatri Junior College - Vijayawada, Andhra Pradesh, India, 03/2013

High School Diploma
Sri Krishnaveni Talent School - Vijayawada, India, 03/2011

Projects

GPS Navigator - Traffic Weather - Spectra Apps

[GPS Navigator- Traffic Weather - Apps on Google Play](#)

- App which uses Google Maps API, TomTom Maps API and Open Weather API to Offer multiple GPS related features
- Followed Material Design Guidelines
- Simple UI with elegant colors for best User Experience
- Used Firebase Crashlytics and Analytics for bug tracing in production
- Implemented Remote Notifications using FCM
- RESTFul API - KTOR
- Completely written in Kotlin

Wall Space - HD Wallpapers - Spectra Apps

[Wall Space - HD Wallpapers - Apps on Google Play](#)

- An application with never ending images
- Using Pexels API for images
- Vibrant Space themed UI

Photo Editor & Image Filters - Ramsontech

[Photo Editor & Image Filters - Apps on Google Play](#)

- Application to edit Images
- Written in kotlin, also has a little Jetpack Compose
- Overlays and Filters - using PorterDuff
- Image Compression using Bitmap compression with support to multiple formats
- Collage maker - View based Collage maker

Christmas Photo Frames & Cards - Ramsontech

[Christmas Photo Frames & Cards - Apps on Google Play](#)

- Christmas Cards and photo frames app
- Basic UI for ease of access

My Music Player - MP3 Player - Raamo Apps

[My Music Player - MP3 Player - Apps on Google Play](#)

- A simple music player app written in Kotlin with a hint of Jetpack Compose
- Developed in collaboration with design team
- Used Room DB to store data for some features
- MediaStore API and SAF to access local files
- Exoplayer as Music player with full-fledged Media Notification Support

My Name Ringtone Maker - Raamo Apps

[My Name Ringtone Maker - Apps on Google Play](#)

- An application which uses TTS engine to generate Audio files and MP3 Cutter
- Basic Design to support variety of target audience
- Audio Cutter feature using MP
- Exoplayer as Media player for better control

All Village Maps - Shamitech Apps

[All Village Maps - App on Google Play](#)

- App which displays Indian Villages in an order
- JSON - Using JSON files displayed data of all villages
- Used Geocoder to get coordinates of any place searched
- Also has other features like Area Codes & STD Codes

GPS Navigation, Map Directions - Shamitech Apps

[GPS Navigation, Map Directions - App on Google Play](#)

- Application which offers Location based features
- HERE Maps SDK as backend
- Geocoder for Geocoding and Reverse Geocoding
- Open Weather SDK for weather updates
- Used Device Magnetometer and gyroscope for compass

Additional Information

Projects under Development

Professional:

- Family Tracker - An App to know location of your buddies and connections
- Money Manager - Expense Tracker
- Sticker Maker - Using Google Selfie Segmentation extract Subject from an image and save it to new file

Personal:

- Notification Sorter - Sort your notification by app or category and keep a track of them by backing them up to cloud
- Priv-Chat - A chat box app to chat with my friends using mongo DB as backend

Currently Learning:

- Jetpack Compose - Competent
- Swift language - Beginner
- Swift UI - Beginner
- Kotlin MultiPlatform - Novice
- Compose MultiPlatform - Intermediate