

Gopalakrishnan, Manikandan

Technical Lead - Android Architect

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SUMMARY

- **Technical Lead** with 9+ Years of experience in developing Enterprise Mobile applications using **Android SDK, Kotlin, Java, Ionic Framework and React Native**.
- Experienced in developing application for diversified industries - Banking, Finance, IoT, Travel, Education, Consumer and Real estate.
- Expertise in Architectural Patterns - **Clean Architecture**, MVVM, MVP, MVC, **Jetpack Libraries**, Jetpack Compose, Design Patterns, SOLID Principles, Dependency Injection, Modern App Development and Modular Application Development.
- Strong knowledge on best practices - **Design Guidelines, Privacy, Security, Stability, Performance, Memory management, Static code analysis, Code review, Coding standard, CI/CD, Branching strategy**.
- Experienced in SDLC - Analysis, Design, Development, Testing, Deployment and Maintenance.
- Strong experience in leading the Offshore and Onsite teams.

EXPERIENCE

Senior Associate

PricewaterhouseCoopers Advisory Services LLC

01/2023 - Present St. Louis, USA

- Designed and Architect the Brio Mobile project using Clean Architecture, Single Activity Architecture, SOLID principles, Jetpack Libraries and DI-Hilt
- Created reusable library which can be used for multiple projects
- Developed and integrated the features - Dashboard, Scheduling, Onboarding
- Experienced in preparing the POV for AI/ML use cases -Telecom industry

Senior Associate 2

PricewaterhouseCoopers Service Delivery Center Pvt Ltd

07/2022 - 01/2023 Hyderabad, India

- Implemented Alexa App-to-App Account linking for Napoleon,Thermacell app
- Implemented Demo app flow for Schneider application
- Providing effort estimation using story points and hours

Technology Lead

Infosys Limited

01/2021 - 07/2022 Chennai, India

- Led a team of eight senior android developers
- Involved in product ownership, analysis, feasibility study, design, development
- Adhering to best practices like code review, static code analysis and CI/CD
- Ensure app - Performance, Responsiveness, Security, Quality - Code, Delivery

Lead Engineer

HCL Technologies Ltd

05/2017 - 12/2020 Chennai, India

- Led a team with four junior and three senior developers
- Involved in analysis, design, development and testing of application
- Experience with best practices like agile development model and CI/CD
- Hands-on experience in profile and explored new technologies

CERTIFICATION

Microsoft Certified Azure AI Fundamentals

Microsoft

AWS Certified Cloud Practitioner

Amazon Web Services (AWS)

Infosys Certified Associate Mobile Developer

Infosys Limited

Six Sigma Green Belt - Automation Testing

HCL Technologies Ltd

Machine Learning Foundation

Udacity

TECH STACK

SKILLS

Android SDK

Kotlin

Core Java

Ionic Framework

React Native

Android NDK - JNI

GMS | HMS Application

Android Components

Jetpack Libraries

Jetpack Compose

Flow

Coroutines

Scope Functions

Work Manager

SQLite

App Link

Dynamic Link

Analytics

Crashlytics

Push Notification

Retrofit

BLE

JSON/XML Parsing

WebView

FMS

Google Map | Place API

3DSecure

Job Scheduler

Push Provisioning

3rd party SDK/API integration

Junit

Espresso

Appium

Python

AWS

Artificial Intelligence

EXPERIENCE

Android Developer

Uitoux Solutions Private Limited

📅 01/2016 - 02/2017 📍 Coimbatore, India

- Involved in all phases of the application development life cycle
- Integrated GCM, Google Place API, Google Vision API, Job scheduler, SQLite

Android Developer

Santriya Technologies Pvt Ltd

📅 05/2014 - 09/2015 📍 Chennai, India

- Integrated Google Map, Google Analytics, Zxing library and SQLite
- Developed application for both mobile and tablet devices

PROJECTS

UBB Mobile

🔗 <https://play.google.com/store/apps/details?id=bg.ubb.mobile>

UBB Mobile is an official Mobile Banking Application for fast and easy access to all your banking services Fund Transfer, Bill Payment, Loans, Accounts, Credit Card, Debit Card management with a fingerprint

Buhler AnywarePro

🔗 <https://play.google.com/store/apps/details?id=com.buhler.anywarepro>

This app is used by product owners to monitor the status, performance, securely access real time, historical information for sortex optical sorting machines

Grundfos GO Remote

🔗 <https://play.google.com/store/apps/details?id=com.grundfos.go>

Grundfos GO Remote plays a vital role between hardware and software. It works as remote control to a grundfos products and enables users to perform actions like controlling, monitoring, swap configuration, operating mode and status

Grundfos GO Replace

🔗 <https://play.google.com/store/apps/details?id=com.grundfos.go.replace>

Grundfos GO Replace is a tool for professional installer, it suggests an easy, optimal and reliable pump choice when upgrading or replacing grundfos pumps

Grundfos GO Install

🔗 <https://play.google.com/store/apps/details?id=com.grundfos.installershandbook>

Grundfos GO Install is a daily pocket assistant for domestic installation professionals. It provides information, tools and tips for installers working with water supply, heating and waste water apps designed for domestic buildings

TVS Attendance Register

This app used by the employer to track the employee's daily attendance, working hours. Employee has an ID card with QR code. Whenever employee check in or out they have to show the ID card in front of the app

StudentsFocus

🔗 <https://play.google.com/store/apps/details?id=com.vishgyana.studentsfocus>

This app is useful for the parents to track children's academic performance, homework, exams, results, calendar and daily attendance status

Rover-Nearby Places Around Me

🔗 <https://play.google.com/store/apps/details?id=com.uitoux.rover>

This app is used for finding the places near the user device - restaurant, hotel, theatres, banks, gas station, hospitals and educational institute

TECH STACK

TOOLS

SonarQube

Jenkins

Azure DevOps

Jira

Git

Tortoise SVN

GitHub

Bitbucket

Confluence

Android Studio

Visual Studio Code

XCode

Agile Methodology

EDUCATION

Bachelor of Engineering in Computer Science

A.R.J College of Engineering & Technology

📅 05/2007 - 04/2011 📍 Mannargudi, Tamil Nadu, India