

DEEPTHI TANNEEDI

+91 9908483382 deepthitanneedi556@gmail.com linkedin.com/in/deepthi-tanneedi

Professional Summary

People Tech Group
Software Development

Experience 1 year 1 Month

- Results-driven Android Developer with 1 year of experience in building responsive and scalable mobile applications using **Kotlin, Jetpack Compose, and XML**. Skilled in implementing **MVVM with Clean Architecture, integrating RESTful APIs**, and managing app lifecycle for smooth data flow. Experienced in the Automotive domain, working on vehicle health monitoring, electric motor parameters, and infotainment system modules. Strong focus on UI consistency, performance optimization, and real-time data handling. Proficient in **Android Studio, Git**, and agile development practices with a commitment to delivering high-quality, user-centric solutions.

Industry Experience

Project Details:

Company: People Tech

Duration: June 2025 - Till Date

Client: Ashok Leyland (Demonstration Project – Automotive Domain) and Skoda (Demonstration Project – Automotive Domain)

Environment: XML, kotlin, Coroutines

Project Description:

The Ashok Leyland Infotainment Demo Application is a prototype developed to showcase next-generation connected vehicle features for vehicle infotainment (IVI) systems. The project focuses on improving the driver's experience by integrating real-time vehicle health monitoring, visualization of electric motor data and intelligent control interfaces into a unified digital dashboard. Developed using Kotlin with MVVM architecture and Clean Architecture principles, the application ensures modular, testable, and maintainable code. The UI screens were implemented using XML layouts, optimized for automotive-grade displays to ensure clarity, alignment, and visual consistency. The infotainment interface includes multiple key modules such as:

Home Screen – Central navigation hub displaying key vehicle stats and quick actions.

Favorite Locations – Module for managing and navigating to frequently used destinations.

Vehicle Health Screen – Real-time monitoring of tire pressure, brake pad wear, and system diagnostics.

Electric Motor Parameters – Displays power output, torque, and motor efficiency in real time.

Power Electronics And Battery Parameters – Tracks charging status, SOC/SOH levels, and thermal data.

Thermal Management – Visualizes temperature data for components, ensuring safe operating conditions.

Project Details:

Mobile Application Demo

Company: People Tech

Duration: September 2024 - June 2025

Environment: Jetpack Compose, Kotlin

Project Description:

The Companion App is a connected vehicle mobile application designed to provide users with real-time access to essential vehicle information, remote functionalities, and personalized driving insights. The application is built using **Kotlin with Jetpack Compose, following MVVM architecture** and Clean Architecture principles to ensure maintainable, scalable, and modular development.

Responsibilities:

- Developed multiple screens using Jetpack Compose with a focus on performance, smooth UI, and responsiveness.
- Ensured consistent UI/UX across screens by applying Compose best practices and reusable components.
- Worked on navigation and routing using Navigation Component.
- Optimized performance, fixed UI alignment issues, and improved image scaling/ratio handling.
- Performed end-to-end testing to ensure reliability and accurate behavior of all modules.

Technical Skills

Languages: Kotlin, Java

Front End: Jetpack Compose, XML

Tools: Android Studio, MS Office, Git, Jira

Other Skills: Git Version Control, Researching, Communication, and Collaboration

Education

Swarnandhra Institute of Engineering and Technology

June 2023

Bachelor of Technology (B.Tech), Computer Science and Engineering (JNTUK)

Narsapuram, Andhra Pradesh

CGPA: 7.13

Certifications

- Automotive CAN-BUS Network Intro, Application and Diagnosis through Udmy

Additional Information

Achievements: Received an Appreciation Letter by People Tech Group for my outstanding contribution to Android development projects.