Rishabh Modi

Android | Wear OS |Android Automotive |IVI (In Vehicle Infotainment)

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EXPERIENCE (YOE - 6)

Senior Software Engineer — IAST Software Solutions
NOV 2025 - PRESENT

- Developed Texas Instruments and NVIDIA platforms IVI implementation.
- Worked on Board bring up and Android BSP customisation.
- Implemented Wear OS client for broadcasting health data to Health bot.
- Worked on Vehicle Diagnostics application for IVI.
- Implemented a client app to stream object detection feed to edge devices.

Senior Software Engineer — Bosch (BGSW)
NOV 2022 - NOV 2024

- Developed Key features for Connected Application for Mahindra Commercial Vehicles.
- HMI implementation for Mobile Application. Integrated Rest APIs for all the cloud dependent features.
- Implemented Jetpack Libraries. Debugging Business logic and on time deliveries.
- Developed a Machine Learning Object detection application for Automotive Requirements.
- Developed a BLE + Coap Implementation on Android.

Senior Research Engineer – Hyundai Mobis
JUL 2019 - NOV 2022

- Developed media applications for Android 12 based Infotainment system using Kotlin and Java in Android Studio.
- Feature Implementations for Media applications for Hyundai , KIA and Genesis Infotainment systems
- Implemented Media Recorder and Player libraries like Audio Record, Media recorder Audio focus
- Stabilized the product by fixing several issues in Android 4.4 based Infotainment system using JAVA and Eclipse.

EDUCATION

B Tech. (CSE) - SRM University , Chennai
JUL 2015 - JUL 2019

SKILLS

Android Application Development , Android , Kotlin, Java , Jetpack , Wear OS , Infotainment/ Mobile HMI , IVI , Android build system , Rest Api integration, Room, SQL, Object Detection, Board bring up
COAP, Bluetooth LE, Android BSP , Linux , Jira , Bitbucket, Git

AWARDS

Contribution Award for Mahindra IMAXX – BGSW

Stellar Employee Award
Hyundai Mobis

LANGUAGES

- English
- Hindi