Abhishek Yadav

Senior Android Framework Engineer | AOSP | Automotive | HMI | Java Developer | Cross-platform

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EXPERIENCE

LTTS Pune (Deputed @Forvia,Pune)
April 2022 –present

Working at Client Location as Android Framework developer. Developing Android Application for In vehicle Infortainment (IVI) System.

Infosys,Pune
October 2021 - April 2022

Working with new Android Jetpack Libraries like Compose and material design.

Tata Consultancy Services, Nagpur —*Android Automotive Developer*
December 2018 - September 2021

Working as an Android developer,developing Android Applications for Infotainment Systems.

PROJECTS

Connected Cars- VW
- Responsible for creating System Service and establishing connection with OEM servers for Connected Cars.
- Responsible for issue/bug fixes, Audio framework, Binder(IPC) Framework, AIDL.
- Rewarded with Spot award as the performer of the month both at client location and at LTTS.

Radio Application(for Infotainment system) — Nissan
- Responsible for HMI Designing the screen with pixel Accuracy and also handling the functionality related to Android Components..
- I have been working on APIs like RadioManager , creating System Application and also have experience on **AIDL** concepts.
- Familiar with Espresso Unit Testing and Junit Testing.

Bluetooth Application:
- Customize AOSP Bluetooth app using Build-tree approach and added functionality like Custom action (Repeat mode and shuffle mode for media), Search algorithm.
- Customization of Media Center screen of AOSP source code using Resource Overlay RRO Framework..
- Media Browser Service, AvrcpController service, AvrcpPlayer, BrowseTree.

Remote Control Application For Cars Rear Seat Entertainment- Nissan
- Responsible for integrating the communication bridge between Cars cockpit(Head unit) and Mobile Phones Using Socket IPC.

SKILLS

Programming Language: - Java , kotlin

Technical skills: -
- Clean architecture with standard package structure with pure design pattern like **MVVM Design pattern.**
- AOSP Customization and Building code.
- Git,Gitlab, JIRA, SVN, CI-CD Framework with Sonarlint and checkstyle.
- Strong experience in core Java concepts and pure coding standards

Leadership skills: -
- Experience in customer interactions for product design, development, and maintenance.
- Ensuring Smooth Delivery of project.

CERTIFICATIONS/Achievements

The Complete Android N Developer Course (UDEMY)

Performer of the month Aug-22(@Forvia).

ROLES AND RESPONSIBILITY:

- Follow Agile Methodology - Scrum
- Basic understanding of APISCE.
- CI-CD Pipelines on Bitrise.

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https://github.com/itsyadavabhishek/DrawingApp