

Neelansh Sahai

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Summary — Senior Android Engineer with 6+ years of experience (4 years at Google) delivering high performance, user focused mobile apps. Expertise in Jetpack Compose, MVVM, and scalable architectures, with proven success in leading teams, mentoring developers, and modernizing large-scale codebases. Passionate about building impactful apps that delight millions of users worldwide.

Skills

Languages Kotlin, Java, Python, C++ , JavaScript

IDEs Android Studio, VSCode, PyCharm

Android Jetpack Compose, Retrofit, RoomDB, GraphQL, DaggerHilt, MVP, MVC, MVVM, MVI, Clean Architecture, Firebase, Gradle

Testing JUnit, Mockito, Espresso, Roboelectric, Screenshot Testing

Other VCS (Git, Gerrit), ReactJS, Flask, MongoDB

Soft Skills Public Speaking, Communication, Team Management & Leadership

Experience

Google

Oct 2021 – Present

Senior Software Engineer (Android)

- Spearheaded the development of Android features (13–16), including Per-App Language Preferences, Picture-in-Picture updates, and Passkeys, improving security and usability for millions of users.
- Migrated projects to Jetpack Compose following MAD practices, boosting modularity, scalability, and testability.
- Architected automated testing from scratch. Worked on Unit Tests, Screenshot Tests, and end to end Compose Tests.
- Enhanced UX with Figma-driven redesigns, aligning apps with Material3 standards.
- Led and mentored junior developers, improving productivity and code quality through structured reviews and coaching.

Grab

May 2021 – Oct 2021

Software Engineer (Android)

- Worked on Grab's finance module, which was responsible to manage all of the payments on GrabTaxi app.
- Worked on implementing new features, bug fixes and writing Unit Tests, and improved code coverage by 7%
- Implemented new screens for the app using the given Figma files
- Tech stack used, Kotlin, RxJava, Coroutines, LiveData, Views, ViewBinding, DataBinding, Mockito, JUnit, Dagger-2.

Shipsy

Aug 2019 – May 2021

Software Engineer (Android)

Project: Rider App

- Worked on an app for riders to track order details and consignment assignments.
- Migrated the app to AndroidX, then migrated the app from Java to Kotlin
- Worked on features like location tracking, Label Printing, Consignment Booking, Booking Management,
- Also worked on adding new features to the app, and bug fixes in the existing flows
- Collaborated with the Backend and QA teams for the developments, and managed team of 3 Android Developers to create 2 apps from scratch
- Tech stack used - Java, Kotlin, RxJava, Views, DataBinding, ViewBinding, Mockito, Espresso, EventBus, SQLite, CustomViews

Siemens

Jan 2019 – Jun 2019

Software Engineering Intern (Android)

Project: Vehicle Counter App

- Built an app from scratch which implemented a Deep Learning model to identify, track and count vehicles from the device's live camera feed.
- Implement Number plate recognition to detect individual contributions to Air Pollution for an Area
- Used YOLOv3 model with updated final layer for object detection using IoU method
- Used TensorflowLite, Java, Views, XML, IoU, Python and Deep Learning.

Education

Indian Institue of Information Technology (IIIT), Vadodara

July 2015 - July 2019

Bachelor of Technology (B.Tech) in Computer Scince

Certifications

- State of the Art Android App Development in Kotlin, Udemy (2020)
- Dependency Injection in Android with Dagger and Hilt, Udemy (2024)
- (Jetpack, Architecture & More) Advanced Android Bootcamp, Udemy (2024)
- Android MVVM Architecture complete course, Udemy (2024)
- React - The Complete Guide 2025 (incl. Next.js, Redux)
- Deep Learning Nanodegree, Udacity 2018

Other Experiences

GeeksForGeeks

June 2024 – Aug 2024

Course Instructor for Advance Android Development Course

- Led a batch of 40 students varying from college students to experienced professionals
- Created a 3 month long learning path for students, starting from basics of Kotlin to Jetpack Compose and MVVM.
- Taught the concepts of Testing, Coroutines, Clean Architecture, MVVM, LiveData, Animations, Firebase, and Jetpack Compose

Udacity

Apr 2022 – Feb 2024

Student Mentor and Project Reviewer for Deep Learing Nanodegree

- Mentored 8 students during there course tenure of Deep Learning
- Helped the students carve a learning path and routine. Assisted them with there doubts and queries, and unblocked them wherever they were blocked
- Reviewed project submissions for ANN, CNN, RNN, GAN and RL for their correctness based on the Udacity specified rubrics.
- Majorly focussed on Python and Neural Networks

Personal Projects

Nutrak (Concept App)

June 2024 – Aug 2024

 [Github Link](#)

- In the given time frame of 5 days, built this concept app of Nutrition Tracking, using purely Jetpack Compose, and MVVM architecture.
- App's idea is to take an image of a food item, send it to backend to run a Image processing model, and then fetch nutrients data corresponding to the captured image.
- Used tech stack of Kotlin, Jetpack Compose, MVVM, StateFlows, Custom Views (Using Jetpack Compose Canvas, Modifiers and Draw), and Coroutines.
- Also implemented Light and Dark themes, Navigation Compose, and SysUI features like Edge2Edge and Splashscreens.