

Vishal Gaur

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EXPERIENCE

TESTBOOK.COM | SENIOR SOFTWARE ENGINEER

Apr 2022 – Present | Navi Mumbai, Maharashtra

- Implemented **Jetpack Compose UI** to eliminate redundant re-compositions, benefiting over **5 million users**.
- Introduced Masterclass and Masterseries using **Jetpack Compose** in a modern **MVVM architecture**, attracting **50,000+ daily** unique visitors for a captivating user experience.
- Led optimization efforts for **WorkManagers**, slashing crashes by **90% (50K to 1K)**, ensuring a stable user experience for millions of users.
- Integrated **EMI Payment** flow using **eNACH** for Courses, resulting in a **25% boost in revenue**. Offered flexible payment options, attracting more customers and increasing sales conversions.
- Migrated **15+ Volley APIs** to **Retrofit and OkHttp**, introducing a custom utility for seamless integration, code maintainability, and flexibility for a 10-member team.

PAYTM | SOFTWARE ENGINEER - ANDROID

Jan 2021 – Apr 2022 | Noida, UP

- Modernized Mobile Recharge and mobile operator selection with a **new UI**, increasing engagement for **over 100 million users**.
- Implemented a critical feature to handle sudden price changes of mobile operators, ensuring seamless operations, and maximizing customer satisfaction with **millions of transactions** processed daily.
- Collaborated with the iOS and web teams of 15 members, actively contributing to the successful implementation of Utility bill payment.
- Integrated split bill** with Utility Bill payments, enabling convenient expense splitting for more than 1 million transactions.
- Demonstrated leadership by leading the team in writing unit and UI tests using **JUnit, Espresso, and Mockito**, achieving an impressive **50% code coverage** and ensuring code quality and robustness.

INTERNSHIP

MATHWORKS | EDG INTERN

May 2020 – Jul 2020 | Bangalore, Karnataka

- Developed a **Simulink Model Randomizer** for PLC Controller, optimizing system performance and functionality.
- Optimized 5000+ lines of code through comprehensive refactoring, ensuring seamless and efficient operation.




PROJECTS

SHOPPING APP | ANDROID, KOTLIN, FIREBASE, ROOM, ESPRESSO

Mar 2021 – May 2021

- Developed an Android **e-commerce** application facilitating user registration, product exploration, and order processing.
- Ensured app stability through rigorous testing with **Espresso, unit, and instrumentation tests**, achieving an impressive **80% code coverage**.
- Implemented Firebase Authentication for **secure OTP-based login**, leading to **over 80 GitHub stars** and recognition in **Google Dev Library**.

LINKS

 [GitHub:// i-vishi](#)
 [LinkedIn:// i-vishi](#)
 [HTTPS://vishalgaur.dev](https://vishalgaur.dev)

SKILLS

LANGUAGE & FRAMEWORKS

Kotlin • Java • C/C++ •
 Android SDK • Android Jetpack •
 Jetpack Compose • Room

Familiar:

Vue.js • ReactJS • Dagger •
 Jetpack Navigation • Kotlin Flow

TOOLS & LIBRARIES

Git • Retrofit • OkHttp • Coil •
 JUnit • Espresso • SQLite •
 Material Design • Firebase •
 Firestore • Remote Config

DEVELOPMENT PRACTICES

MVVM • Background Processing •
 WorkManager • Push & In-App
 Notifications

EDUCATION

IIIT VADODARA

BACHELOR OF TECHNOLOGY
 (INFORMATION TECHNOLOGY)

July 2017 – June 2021 | Gandhinagar
 CPI: 8.69 / 10

Gold Medal: Academic Excellence

ACHIEVEMENTS

Mr. Consistent Testbook (FY24 Q2, Q4)
Star Performer Testbook (FY23 Q2)
32nd in India Google HashCode 2020
302nd Rank CodeChef Oct'22 Long
263rd Rank CodeChef Jul'20 Cook-off

RESPONSIBILITIES

CodeChef Campus Chapter - Coding Club (IITV)

Problem Setter & Tester (2019- 2021)

Encore - Music Club (IITV)

Secretary (2019- 2020)

Mentor (2020 - 2021)