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.
- Spearheaded **WorkManagers** optimization, reducing crashes by **90% (50K to 1K)**, ensuring a stable user experience for millions.
- Pioneered seamless integration of **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 seamlessly 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

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

Star Performer Testbook (FY23 Q2)
Mr. Consistent Testbook (FY24 Q2, Q4)
32nd in India Google HashCode 2020
302nd Rank CodeChef October 2022 Long
263rd Rank CodeChef July 2020 Cook-off

RESPONSIBILITIES

CodeChef Campus Chapter - Coding Club (IITV)
Problem Setter & Tester (2019- 2021)

Encore - Music Club (IITV)
Secretory (2019- 2020)
Mentor (2020 - 2021)