

# 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

WWW:// i-vishi.vercel.app

## 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: First Class

## ACHIEVEMENTS

**Star Performer** Testbook.com (FY23 Q2)

**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)**

Secretary (2019- 2020)

Mentor (2020 - 2021)