

MOHIT GUJARATI

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"Android Developer seeking a summer internship to apply my skills in mobile development and contribute to innovative projects."

Education

Long Island University, Brooklyn

Master of Science in Computer Engineering

Coursework: Python, System Design, DBMS, computer network, operating system

2024– 2026

New York, USA

Shankersinh Vaghela Institute of Technology

Bachelor of Engineering in Computer Engineering (CGPA – 7.32/10.0)

Coursework: Java, Object-oriented programming, Artificial Intelligence, Data Structures and Algorithms

2016 – 2020

Gujarat, India

Skills

Programming Languages: Kotlin, Java, Python, JavaScript, Typescript.

Android Development: Rest APIs, android jetpack components, Material design, Coroutines, Jetpack Compose, LiveData.

web development: HTML, CSS, React, React-native, Bootstrap.

Databases: SQLite, Realm, Google Firebase database, phpMyAdmin, MySQL.

Tools and Methodology: Retrofit, GitHub, Glide, ViewPager2, geocoder, geofence, MVVM, MVP, SOLID principles.

Experience

Software developer

May 2023 – June 2024

TNM Software Solutions Pvt Ltd.

Gujarat, India

- Engineered Android applications using Kotlin and Android SDK, integrating advanced features like motion sensors, geocoding, and geofencing to enhance location-based functionality.
- Boosted app performance by 50% by implementing modern development practices, resulting in a smoother and more efficient user experience.
- Collaborated with designers and back-end engineers to streamline the mobile app development process, resulting in 4 production-ready applications delivered within tight deadlines over eight months.
- Designed adaptable layouts for mobile and web platforms using Android, React, and React Native, ensuring seamless user experiences across devices.

Android developer trainee

May 2022 – May 2023

Tops technology. Inc.

Gujarat, India

- Developed and launched full-stack native mobile applications using Kotlin, delivering key features that increased user satisfaction and engagement, while effectively designing and implementing targeted database solutions and optimizing API integrations for enhanced performance.

Projects

Flare clone | Kotlin, Android architecture components, Realm, Google Maps, Geocoder, Geofences Motion sensor, S.O.L.I.D

- Developed an Android app featuring real-time fleet location tracking with Google Maps integration, utilizing geofencing to trigger location-specific actions
- Incorporated motion sensors for automatic incident detection, enhancing the app's safety and utility features.
- Employed Realm Database for secure storage of safe-zone points, travel history, and user activity, enabling efficient data retrieval and analytics.

InEvents | Kotlin, Firebase database, Firebase notification, SQLite, Php, MySQL, Retrofit, Material design, MVVM

- Designed, Engineered, and launched a student event management system, deployed on the Google Play Store, which gained a steady user base of 200 daily active users and over 500 total downloads.
- Integrated Google Maps for easy event location tracking, streamlining registration processes for university events.
- Leveraged Firebase Firestore and MySQL for efficient backend data management, achieving 100% paperless event registrations.
- Implemented real-time updates through Firebase Notifications and secure authentication via Google Login. After graduation, the app was decommissioned and removed from the Play Store because it was no longer updated.

Speces | Kotlin, Java, Room Database, Material Design

- Built an intuitive expense management app with customizable and predefined categories, enabling users to track budgets effectively. Implemented detailed reporting features with charts and progress bars, offering users comprehensive financial insights. Leveraged Room Database for offline functionality, ensuring smooth user experience even without internet connectivity.