

Ronak Doshi

LinkedIn: <https://linkedin.com/in/rnkdsdsh>

GitHub: <https://github.com/rnkdsdsh>

Website: <https://ronakdoshi.in>

Email: ronakdoshi10@gmail.com

Mobile : +91-8866428838

SKILLS

- Kotlin | Java | MVVM | Clean Architecture | Jetpack Compose | Coroutines | StateFlow | Room | WorkManager | Unit Testing
- JSON | XML | RESTful APIs | Socket | Sensors | CI/CD | GitHub | Open Source | Firebase | Git | Threading | Agile

EXPERIENCE

- **Lead Software Engineer** Remote
Fitness AI Labs Pvt. Ltd. Jan 2023 - Current
 - Led the design and development of Android application using multi-module MVVM architecture, improving app performance and user experience using the latest technologies of Jetpack Compose, Kotlin, Room and Unit Testing.
 - Enriched the app's stability, performance, and user experience, increasing crash-free users from 95% to an impressive 99% through thorough bug fixing, performance optimization, and error handling enhancements.
 - Optimized step detection service, improved battery usage, and pedometer accuracy by using Coroutines and Flow.
 - Implemented comprehensive unit testing strategies using frameworks such as JUnit and Mockito, resulting in increased code quality and reduced bugs in the Android application.
- **Technical Lead** Remote
TeraMera Labs Pvt. Ltd. Feb 2022 - Jan 2023
 - Designed and developed Android application written in Kotlin from scratch using MVVM architecture.
 - Implemented Socket.io for real-time chat functionality, enhancing user engagement and communication within the application.
 - Automated the build and distribution process using GitHub Actions, expediting the testing and feedback loop.
 - Integrated multiple third-party payment gateways and analytics tools.
- **Senior Android Developer** Ahmedabad, India
Voolsy Networks Pvt. Ltd. May 2019 - February 2022
 - Developed a smart door application utilizing BLE technology in Kotlin using MVVM architecture.
 - Migrated Java codebase to Kotlin, improving code reusability and app performance.
 - Contributed to multiple projects, including Food Service India and sales workforce automation, leveraging Android development skills to deliver efficient and reliable solutions that met client requirements.
- **Android Developer** Ahmedabad, India
Hyperlink Infosystem January 2017 - May 2019
 - Contributed to the full mobile application development lifecycle, actively participating in planning, requirement gathering, development, testing, and publishing on the Google Play Store.
 - Demonstrated proficiency in utilizing various architectural patterns, including MVP, Clean Architecture, and MVVM, incorporating the latest Android Jetpack Components.
 - Developed and maintained applications across diverse categories such as social networking, e-commerce, event management, taxi services, and food delivery, showcasing versatility and adaptability in delivering high-quality solutions.
 - Recognized for writing efficient, maintainable, and reusable code, adhering to coding best practices and industry standards.
 - Mentored and coached junior developers, providing guidance and fostering their growth to enhance the overall team's capabilities and productivity.

PROJECTS

- **action-upload-diawi**: Created an open source GitHub Action to upload the APK file artifact from the GitHub Action to Diawi and get the APK URL and QR code directly in the action.
- **WiFi Passwords**: Developed an application to read saved WiFi passwords in rooted devices using superuser privileges. 100K+ downloads on Play Store.
- **Stickerry**: Developed an application to download sticker packs that can be used in WhatsApp. 1K+ downloads on Play Store.
- **GTU Result**: Developed an application to receive a notification when the university result is declared and scrape the result from the website and show it in a better user interface. 50K+ downloads on Play Store.

PUBLICATIONS

- **Human Front-Facial Expression Recognition**: Published survey paper on the different methods available for human face detection and facial feature extraction for expression recognition. Studied various face and eye detection techniques. (Sep '15)

EDUCATION

- **Bachelor of Engineering (Information Technology)** Ahmedabad, India
Gujarat Technological University July 2012 - May 2016