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WORK EXPERIENCE

MILESPEAK TECHNOLOGIES PVT. LTD., | ANDROID DEVELOPER Chennai, India | Feb 2024 - Present

- Developed and managed Android applications using **Kotlin** and **Java**, including community and employee management tools.
- Created scalable app structures with **MVVM** and **Room Database** to handle data efficiently.
- Integrated **Firestore** ecosystem (Authentication, FCM, Analytics, Crashlytics) to enable secure user management and real-time engagement tracking
- Designed clean and modern user interfaces using **XML**, **Jetpack Compose**, **Navigation Compose**, and **Material Design**.
- Developed location-based features using **Ola Maps SDK** and implemented additional integrations including **PayU** for payments and **OCR** for document scanning, ensuring reliability through **JUnit**, **Espresso**, and **AndroidX Test**.
- Improved app performance and compatibility across Android versions, **reducing crash rates** and **increasing overall stability** for a smoother user experience.

PROJECTS

JUSRIDE - A RIDE COMPANION FOR CYCLIST KOTLIN | JAVA | XML | RETROFIT | FIREBASE | ROOM
DATABASE | OLA MAPS | ML KIT | PAYU

A community app for cyclists to create/join rides, form groups, and share posts with ride stats (distance, elevation, speed). It also offers cycle service booking and a social layer to follow, interact and connect with riders, making it a complete cycling community platform.

EMPLOYEE MANAGEMENT SYSTEM KOTLIN | JAVA | JETPACK COMPOSE | ROOM DB | FIREBASE

A leave and timesheet management app that provides secure login, leave requests, status tracking, and real-time notifications for efficient workflow. It is a demo project developed to validate the core functionalities and workflows before implementing a full-scale real-time project.

SKILLS

LANGUAGES | KOTLIN, JAVA

FRONTEND / UI | XML, JETPACK COMPOSE, MATERIAL DESIGN, DATA BINDING

ARCHITECTURE / DATABASE | MVVM, ROOM, FIREBASE (AUTH, FCM, ANALYTICS, CRASHLYTICS)

TOOLS & TESTING | ANDROID STUDIO, POSTMAN, GIT, OLA MAPS SDK, JUNIT, ESPRESSO

CERTIFICATIONS

QSPIDERS | JAVA FULL STACK WEB DEVELOPMENT July 2023 - Feb 2024

EDUCATION

B.E IN MECHANICAL ENGINEERING Dindigul, India | 2019 - 2023
PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY - CGPA: 8.07

Shifted from **Mechanical Engineering** to **Software Development** through self-learning and training at **QSpiders**, demonstrating adaptability and willingness to learn.