Shivam Yadav

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Android Developer and Full-Stack Java Developer with strong expertise in Kotlin, Java, and modern software development. Proficient in building secure, scalable mobile applications and backend systems using Spring Boot, RESTful APIs, and database management. Passionate about writing clean, maintainable code and contributing to dynamic team environments with a focus on collaboration, problem-solving, and continuous learning.

Education

- B.Sc. in Computer Science: Gurugram University, Gurugram (Graduated : 05/2023)
- Masters in Computer Application (MCA)

  D.P.G. Degree College, Maharshi Dayanand University (08/2023 – Present)

Projects

FileFusion – Android File Manager – Kotlin, AES Encryption   github.com/FileFusion ⬈

- Built a secure file manager with a clean Material Design UI and intuitive navigation.   **PlayStore: FileFusion ⬈**
- Added AES-256 encryption for sensitive files and password-protected vault.
- Implemented file operations and media previews using Kotlin Coroutines.

Android Browser App – Kotlin, Jetpack Compose, Android SDK   github.com/WebBrowser ⬈

- Developed a full-featured Android browser with a focus on privacy.
- Implemented tab management using ViewPager for fast, fluid multi-tab browsing.
- Integrated ad blocker and privacy enhancements like incognito mode.
- Added custom app lock (PIN/Fingerprint) to restrict access and enhance security.
- Optimized WebView performance and memory usage for seamless browsing.

URL Shortener API – Java, Spring Boot   github.com/UrlShortener ⬈

- Developed a full-stack solution: an Android app frontend and a Spring Boot backend.   **PlayStore : ulinkr ⬈**
- REST API supports custom aliases, redirection, and link analytics.
- Backend uses Spring Data JPA + MySQL for scalable data handling.
- Deployed backend on Render, enabling cloud accessibility from the app.

Skills

Languages: Java, Kotlin, SQL

Android Development: Android SDK, Jetpack Compose, ViewPager, Material Design, Room Database, LiveData, ViewModel, Firebase (Auth, Firestore, Realtime DB), AdMob Integration, WebView APIs, EncryptedSharedPreferences.

Architecture & Patterns: MVVM, MVP, Repository Pattern, Singleton, Dependency Injection (Dagger, Hilt).

Backend Development: Spring Boot, RESTful APIs, Spring Data JPA, MySQL.

Tools & Technologies: Android Studio, Git, GitHub, Retrofit, Room Database, Postman, Firebase Crashlytics.

Certifications

- JPMorgan Chase & Co's Software Engineering
- AWS APAC's Solutions Architecture
- Postman API Fundamentals Student Expert
- HackerRank Java