

# ABHISHEK CHANDRA

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## Education

**Ambalika Institute Of Management And Technology**

*Bachelor of Technology in Computer Science and Engineering*

**May. 2020 – Jul 2024**

*Lucknow, Uttar Pradesh*

## Technical Skills

**Languages:** Kotlin, Java, XML

**Developer Tools:** Android Studio, VS Code, Google Cloud Platform, Azure DevOps

**Technologies/Frameworks:** Git, GitHub, GitLab, JUnit, CI/CD, MVVM, MVP, MVI, Firebase, Retrofit, Dagger/Hilt, Coroutines, Glide/Picasso, Data/View Binding

## Experience

**Gram Unnati Foundation**

**Jun 2024 – Present**

*Junior Android Developer*

*Gurugram, Haryana*

- **Scheduled Image Upload:** Implemented a feature to schedule image uploads during low network connectivity using **WorkManager** and **Network Connectivity Management**, ensuring efficient and reliable data synchronization.
- **Info Help Video Integration:** Designed and implemented an in-app video tutorial feature using **Kotlin** and **Material Design**, enhancing user support and onboarding experience.
- **Multi-Language Support:** Developed localized app functionality with **Java** and **Android Resources**, enabling seamless user experiences in English and Hindi.
- **Invoice Generation:** Built a PDF generation feature using **PDF Generator Library**, streamlining invoice creation and documentation processes.

**Gram Unnati Foundation**

**Mar 2024 – Jun 2024**

*Android Developer Intern*

*Gurugram, Haryana*

- **Firebase Authentication Integration:** Integrated **Firebase Authentication** with phone number verification to enable secure user login and registration.
- **Enhanced Camera Functionality:** Improved mobile camera features with auto-focus, **watermarking**, and image processing techniques, enhancing the overall user experience.
- **Push Notifications:** Implemented **Firebase Cloud Messaging (FCM)** to deliver push notifications, ensuring reliable communication and increased user engagement.

**Websbaba Technologies Pvt.Ltd.**

**Jul 2023 – Aug 2023**

*Android Developer Intern*

*Gurugram, Haryana*

- Contributed to feature development for the company's Android app using **Android Studio**, **Java**, and **Material Design**, while enhancing app performance by identifying and resolving bugs.
- Collaborated in **Agile** development meetings to ensure timely project delivery and advanced expertise in Android development, **UI/UX** optimization, and app debugging.

## Projects

**Matall App** | *Kotlin, XML, Firebase Auth, FCM, Retrofit, Coroutine* — **GitHub : Link**

**February 2024**

- **E-Commerce Solution for Building Materials:** Developed an Android shopping app for purchasing construction materials such as cement, bricks, and tools, using **Kotlin** and **Android Studio** for the development environment.
- **User-Friendly Interface:** Designed a seamless and intuitive **UI** with **Material Design** principles, utilizing **RecyclerView** for efficient product display and **Room Database** for local storage of product data.
- **Payment Gateway Integration:** Implemented a secure payment system using **Retrofit** for **API** calls and **Firebase** for authentication, ensuring smooth and secure transactions.

**Education App** | *Java, XML, Firebase Auth, Retrofit* — **GitHub : Link**

**December 2023**

- **E-Learning Solution:** Designed and developed an Android application to provide **chapter notes**, **video tutorials**, and a **centralized notice board**, enhancing accessibility for students.
- **Multi-Language Support:** Implemented language customization using **Android Resources** to allow users to access videos in their preferred language, improving inclusivity and engagement.
- **Push Notifications:** Integrated **Firebase Cloud Messaging (FCM)** to deliver real-time updates and announcements via a dynamic notice board.
- **User-Friendly Interface:** Built a responsive and optimized **UI** using **Material Design** principles, ensuring seamless navigation and compatibility with **Dark Mode**.

**Fingerprint Unlock System** | *Java, XML, HTML/CSS, JavaScript, PHP, MySQL* — **GitHub : Link**

**August 2023**

- **Next-Generation Authentication:** Designed and implemented a secure fingerprint-based login system using **Java**, **Android Studio**, and **PHP**, bridging Android and web technologies for seamless integration.
- **Web and Android Integration:** Developed a system enabling users to unlock the website's login page with phone-based fingerprint authentication, leveraging **HTML/CSS**, **JavaScript**, and **MySQL**.