

# Vishal Yadav

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## SUMMARY:

Motivated Android developer with strong Java skills, experienced in building user-friendly, secure apps. Proficient in the full app lifecycle and up-to-date with the latest Android trends. Eager to contribute to innovative teams.

## PROJECTS

### MEDIC LENS [Nov 2024]

- **Scan Medicines:** Utilize **OCR** (Optical Character Recognition) technology to extract medicine names and chemical compositions from images of tablets or packages
- Utilised **Gemini AI** to provide detailed information about medicine uses, dosage, and potential side effects.
- **User-Friendly Interface:** Designed the UI using **Kotlin** and **XML** for a seamless user experience.
- Integrated libraries such as **Glide** for image loading, **Retrofit** and **OkHttp** for API communication, and **OCR.space API** for high-accuracy text extraction, including handling shiny or reflective surfaces on tablets.
- **Play Store Ready:** Built with scalability and user accessibility in mind, preparing the app for launch on the **Google Play Store**.

### TAAZA KHABAR | [Download](#) | [GitHub](#) [Sept 2024]

- Developed a dynamic **news app** using **Java** and **Android Studio** for real-time news updates.
- Integrated **news API** to fetch and display news in a user-friendly **RecyclerView** interface.
- Implemented **search functionality** and **category filters** (e.g., sports, politics) for easy news exploration.
- Integrated **WebView** to display full news articles within the app.
- Utilized **Retrofit** for API integration and **Glide** for efficient image loading and caching.

### QUIZZ | [Download](#) | [GitHub](#) [July 2024]

- Developed an interactive **quiz app** using **Java** and **Android SDK**.
- Enabled users to play **pre-defined quizzes** or create **custom quizzes**.
- Implemented **data management** using arrays for quiz handling.
- Designed a **user-friendly interface** for seamless quiz navigation.

## TECHNICAL SKILLS

### LANGUAGES

Java Kotlin C++ Python

### FRONT END

HTML CSS

### BACK END

Firebase SQL MongoDB

### TECHNOLOGIES

REST API Android Retro Fit Git

## EDUCATION

Guru Gobind Singh Indraprastha University  
Bachelor of Computer Applications | 2022-2025

Kamal Model Sr. Sec. School, New Delhi  
PCM with Computer Science | 2021-22

## EXTRA CURRICULAR ACTIVITIES

- Won **first prize** in Interzonal Mix Acrobatic Gymnastics
- Participated in **National Gymnastics Competition**

## HOBBIES

- Video & Photo Editing
- Gymnastics