AKASH KUMAR

Chandauli, Uttar Pradesh

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SKILLS

- **Programming Languages:** Python, Java, Kotlin, C.
- **AI & ML:** PyTorch, NumPy, Pandas, Scikit-learn, Matplotlib, Regression, Classification, Clustering (Basics).
- **Android Specific:** Jetpack Compose, MVVM, Gradle, Kotlin Coroutines, Coil, Retrofit, DI with Dagger-Hilt & Koin, REST API, Room, WorkManager.
- **Backend & Cloud:** FastAPI, Ktor, Spring Boot (Basics), Firebase, Firebase Hosting, Firebase Auth, Firebase Cloud Messaging (FCM), Google Cloud, AWS - EC2 & Lambda (Basics).
- **Database:** Relational - MySQL CLI/Workbench & PostgreSQL, NoSQL - Firebase Firestore.
- **IDE & Code Editor:** Android Studio, IntelliJ IDEA, VS Code, Antigravity.
- **Useful Tools:** Automation - n8n, Postman, Git, GitHub.

EXPERIENCE

ClickRetina ⬈   **Oct 2025 - Nov 2025**
Android Developer (Remote)   *Lucknow, Uttar Pradesh*

- Fixed a critical button overlap UI issue in the **Youtools** App, improving layout consistency.
- Designed and implemented the UI for **Stream Loop** App.
- Resolved an existing backend **email validation** issue, improving data accuracy and authentication reliability.
- Built n8n automation workflows.

PROJECTS

QuickRead ⬈   **Aug 2025**

- Built a news application with top headlines, search functionality with debounce and swipe-to-delete saved articles.
- Implemented local storage using Room Database to store and manage saved news articles.
- Designed a clean, responsive UI with Material3, gradient top app bar, and pagination for smooth scrolling experience.

Winksy Call ⬈   **Sep 2025**

- Built a real-time peer-to-peer video/audio calling app with Firebase signaling and WebRTC.
- Implemented smart contact system with email → UID mapping, online/offline presence detection, and swipe-to-delete contact management.
- Added in-app call notifications and essential call controls (mute, flip camera, end call) with clean MVVM architecture and Jetpack Compose UI.

GeminiChat Native/KMP ⬈   **Apr 2025**

- Developed a chatbot using Gemini API for both native Android and Kotlin Multiplatform (KMP).
- Enabled text and image-based interactions with support for image sharing and visual response generation.
- Designed adaptive UI with Jetpack Compose, Material 3, and used Coil for async image rendering.

EDUCATION

IET, Dr. B. R. Ambedkar University, Agra   **Nov 2022 - May 2026**
B.E. - Computer Science Engineering - CGPA - 7.09   *Agra, Uttar Pradesh*

ACHIEVEMENTS

- **SWAYAM-NPTEL:** Cloud Computing and Distributed Systems. ⬈
- **Internshala Trainings & NSDC:** Android App Development. ⬈
- **Oracle:** Oracle Cloud Infrastructure 2025 Generative AI Professional. ⬈
- **GeeksforGeeks:** DevOps - Skill up. ⬈
- **Leetcode:** **300+** problems solved. ⬈
- **GeeksForGeeks:** **250+** problems solved & Institute Rank – 10. ⬈