


Harsh Kumar Tomar

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 harsh-kumar-tomar

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 GhostInPixels

Skills

Programming Languages - Python , Kotlin , Java

Tech. & Frameworks - Android , Jetpack Compose , Git/GitHub , Firebase , Django , Fast API , SQLite , PostgreSQL , Flutter

Relevant courses - Data Structure & Algorithms , OS , DBMS , Discrete Mathematics , Theory of Computation , AI , Digital logic design , Computer Networks , Software Engineering

Experience

Android Developer Intern - Chamberly AB

Remote , Stockholm, Sweden
June '24 - Aug '24

- Worked on existing Chamberly App and designed and tested different app components to match the ios version.
- Used AI model gpt-3.5-turbo-0125 to generate summaries of the input. Added sentiment analysis to capture the emotional tone.
- Utilized Retrofit and Firebase for backend operations; implemented Android Navigation Components.

Projects

Mandapam - Event Venue Booking Platform

January '25

- Developed and deployed backend RESTful APIs using **FastAPI** and **SQLite** to manage venue listings, bookings, and user data.
- Deployed backend services on **Render** & collaborated with frontend developer (React) for seamless API integration.

Star-launcher

October '23

- Developed a minimalist and. launcher designed to enhance productivity & reduce distractions through fast app access & focused UI.
- Engineered **AMOLED-safe** battery indicators using dynamic dot animations that change positions to prevent screen burn-in.
- Implemented **swipe** & **touch** gesture interactions, and optimized responsive layouts using MVVM architecture.

Anime Wallpaper App

December '23

- Built a visually appealing wallpaper app offering a wide range of anime wallpapers categorized by genres.
- Integrated Firebase for backend functionality and used **Glide** and **Picasso** to ensure fast and efficient image rendering.
- Focused on delivering smooth UI performance and added **offline capabilities** for an enhanced user experience.

Spotify

September '23

- Recreated core features of Spotify, including music playback, playlists, and user interaction with media components.
- Integrated **Firebase** for user authentication and used its real-time database to manage track data.
- Built **custom views**, implemented media controls, and applied **Dependency Injection** to ensure scalable and maintainable architecture.

Achievements

- Developed **40+** apps using both **Java** and **Kotlin** , following MVVM architecture.
- Solved more than **600+** questions on coding platform like **GeeksforGeeks** & **LeetCode** .

Education

G.L Bajaj Group of Institution

B.Tech. in Computer Science And Engineering CGPA - **7.02**

Mathura
October '21 - June '25

Central Board of Secondary Education

Intermediate - **86%** (2020) High School - **94%** (2018)

Noida