

BHASKAR PATEL

Founder @ Amurot | Android Engineer

Raigarh, India | +91-9301346930 | bhaskar@amurot.com | bhaskar.amurot.com | github.com/BinaryBhaskar | linkedin.com/in/binarybhaskar

EXPERIENCE

Founder & Android Engineer, Amurot

2025 – Present

- Founded and lead an Android product company, owning architecture, engineering, and design decisions end-to-end across a product ecosystem, shipping Linkerly from concept to a live Google Play production release.
- Directed technical strategy by architecting an offline-first data layer with Room, Hilt-based dependency injection, and reactive state management with Coroutines and Flow, reducing state-related bugs versus an earlier LiveData-based prototype.
- Owned product design and UI/UX using Material 3 guidelines, translating user research and closed-testing feedback into interface and interaction decisions ahead of production launch.

PROJECTS

Linkerly — Smart Bookmark Manager

2025 – Present

Kotlin · Jetpack Compose · Room · Hilt · Coroutines · Flow · MVVM · Clean Architecture

- Shipped an offline-first Android bookmark manager to production on Google Play, with automatic metadata extraction, folder-based organization, and full-text search.
- Achieved consistent offline access and state retention across configuration changes by designing a Clean Architecture data layer (Room + repository pattern) decoupled from the UI.
- Eliminated callback-based race conditions present in an earlier LiveData-based prototype by rebuilding UI state management with Kotlin Flow and Coroutines.
- Used Hilt for dependency injection across the app, enabling isolated unit testing of ViewModels independent of concrete repository implementations.

Smart India Hackathon 2025 — National Winner (1st Prize)

2025

Ministry of Social Justice & Empowerment, AICTE

React Native · Android · iOS

- Designed and built the mobile app for a national-finalist government solution verifying Aadhaar-bank account linkage and DBT seeding status for citizens.
- Owned end-to-end mobile development within a cross-functional team, coordinating with members responsible for the web platform and documentation.

PassportedAPK — Photo Printing Automation

2024

Kotlin · Jetpack Compose

- Built an Android app automating passport-photo background removal and grid layout generation (8 or 12 photos per page) for local photo-printing shops.
- Reduced per-customer photo preparation time from ~10 minutes to ~20 seconds, as measured by shop-reported turnaround, by replacing manual editing with a single-tap automated pipeline.
- Adopted by ~100 local shops; added bilingual (Hindi/English) support and Aadhaar-photo printing to match common local document requirements.

Open Source Contributor — AnkiDroid

Apr – May 2026

Kotlin · Android · Large-scale OSS codebase (10M+ downloads)

- Fixed a reported bug and added a corresponding test in AnkiDroid's production Android codebase, navigating an unfamiliar large-scale architecture.
- Collaborated with maintainers through multiple code review rounds, incorporating feedback prior to merge.

EDUCATION

Guru Ghasidas Vishwavidyalaya — B.Tech in Information Technology

2025 – Present

TECHNICAL SKILLS

Languages: Kotlin, Java, Python, C, C++

Android: Android SDK, Jetpack Compose, Material 3, Room, Hilt, Coroutines, Flow

Architecture: MVVM, Clean Architecture, REST APIs, Dependency Injection

CS Fundamentals: Data Structures & Algorithms

Tools: Git, GitHub, Android Studio, Firebase, Figma