# Hardik Jain

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https://play.google.com/store/apps/dev?id=4836421885457337033   https://github.com/jainhardik120

## Projects

**JIIT Buddy** https://play.google.com/store/apps/details?id=com.jainhardik120.jiitcompanion
- Android Application using Retrofit to consume Jaypee Institute's web-portal REST API and published on Google Play with over 4000 active users
- Jetpack Compose for modern UI with material 3 design language
- Implemented local database in room to provide cached data when device is offline or server not responding.

**NFT Marketplace** https://nft-marketplace-lemon-eight.vercel.app/
- Blockchain based website for practising the creation and transferring of ERC721 NFT tokens.
- Frontent written using React.JS components with Next.JS as framework
- Usage of TheGraph and GraphQL to index nft transactions for faster query times
- Usage of hardhat packages to write test cases for testing smart contracts functionality

**Talevista** https://play.google.com/store/apps/details?id=com.jainhardik120.talevista
- Social media app with custom server written using Next.JS and MongoDB and deployed to vercel
- Android frontend application written in jetpack compose consuming REST API.
- Implemented paginating to efficiently deliver posts and comments data.
- Implemented custom authentication using JWT Tokens and Google Sign In

**Password Buddy** https://github.com/jainhardik120/Password-Buddy
- Android application using Room Database and Android Keystore to generate and store passwords
- Implemented AES 256 Encryption to encrypt all data before storing, and using biometrics to unlock and access.

**Macrokeys** https://github.com/jainhardik120/MacroKeyboard
- Used Server and Client Socket programming to develop an android application that connects to server running on PC.
- Server program written in C++ using windows API and winsockets to receive requests and perform keyboard and mouse input actions.
- Android application in Jetpack Compose

## EDUCATION

**Jaypee Institute of Information Technology**
**2021 – 2025**
*B. Tech, Computer Science Engineering*
- Current GPA – 9.1

## SKILLS

- Android Development (Kotlin, Jetpack Compose, Retrofit, MVVM, Room Database, Dagger Hilt, Ktor)
- Data Structures and Algorithms (C/C++)
- Frontend Development (HTML, CSS, JavaScript, ReactJS)
- Backend Development (Node.JS, Express.JS, MongoDB, Next.JS, Socket.IO, PostgreSQL)
- Blockchain Development (Solidity, Hardhat, Ether.JS, TheGraph, OpenZeppelin)