

## PROFILE

I bring nearly **4 years** of professional experience in software development, ranging from simple applications to complex platform-level integrations like **Fintech, Web3, WebRTC**, etc.

Additionally, I am adept at quickly acquiring new skills and tackling diverse challenges, ensuring flexibility and efficiency in both development and operations.

## PROFESSIONAL EXPERIENCE

### Dyte (Acquired), Software Engineer

Feb 2024 – Mar 2025 | Bengaluru, India

- Maintained Android and iOS UI kits and implemented features like **media projection**, rate limiting, permissions management, **tab synchronization**, etc.
- Worked extensively with **WebRTC SFU**, WebSockets, and media features, implementing **Simulcast**, **Consumers over Data-Channel** and **VP9** codec support using Kotlin Multiplatform, which optimized bandwidth usage and improved performance.
- Integrated **Cloudflare Calls** support in our media and client libraries from scratch.

### Murena, Android / AOSP Engineer

Sep 2022 – Feb 2024 | Caen, France

- Spearheaded the development of **BlissLauncher3** for **Android 12-14**, extending Launcher3 with features like a drawer-less mode, custom grid layouts, advanced animations, and a Google Now-style -1 screen.
- Primarily worked with **AOSP**, improving system theming, fixing navigation & launcher issues, also wrote complex custom migrations for seamless launcher upgrades across Android versions.
- Engineered a **BlissWeather** with a strong focus on **widget support**, leveraging MVVM architecture, Functional Programming paradigms, and full localization using OpenWeatherMap API.
- Automated end-to-end testing for Android applications using Maestro, ensuring high test coverage and stability across multiple device configurations and OS versions.

### Hyperhire, Mobile Lead (Freelance)

Jun 2023 – Nov 2023 | Seoul, Korea

- Architected and implemented a Web3 social media wallet, including **state management** and **core functionalities** such as wallet creation, import, export.
- Implemented **Face and Touch ID authentication**, coupled with a custom password input featuring **time-based automatic locking**.
- Integrated WalletConnect V2 over multiple networks like **Ethereum, Polygon**, etc., for seamless DApp connectivity via QR scanning, supporting transactions across networks.
- Executed end-to-end implementation of wallet features on **both Android and iOS** platforms including **release pipelines** for App Store and Play Store.

# YASH GARG

📍 Bengaluru, India

🔗 yashgarg.dev

✉ hire@yashgarg.dev

🐙 github.com/yash-garg

🌐 lnkd.in/yashgarg1803

📁 yash-garg

## LANGUAGES

English, Hindi

## SKILLS

Android, Flutter, SwiftUI, Kotlin  
Multiplatform, TypeScript, Go,  
SQL, CI & CD Workflows, Rust,  
Git, Docker, Kubernetes, Nix &  
NixOS

## EDUCATION

### B.Tech in Electronics & Communication,

Ajay Kumar Garg Engg. College

Jun 2019 – Jun 2023

Simulated and Built a Single Band Linearly Polarized Ring Slot Antenna for Ku Band Applications for the Final Year Project.

### 10 + 2 in Science (with CS),

Seth Anandram Jaipuria School  
2016 – 2019

Managed a team of 20+ people and oversaw the technical aspects while organizing inter school-wide events that attracted over 1000 participants.

## PROJECTS

**qBittorrent Manager**, Modern qBittorrent WebUI Client for Android. (5K+ Downloads)

### **Vauld, Mobile Engineer**

Dec 2021 – Jun 2022 | Bengaluru, India

- Implemented a robust application architecture using **BLoC (Business Logic Component) Architecture, Singleton Pattern, and Isolates**. These design patterns not only facilitated better maintenance but also contributed to improved application performance reducing the load time from **5s to 1s (99%ile)**.
- Added seamless **tracking of any wallet address** and direct display of their coin balances within our wallet application.
- Demonstrated **GraphQL** expertise, optimized caching, and streamlined API calls with dio HTTP client, resulting in enhanced data retrieval and **reduced network latency**.

### **SlickWallet (Acquired), Mobile Engineer**

Sep 2021 – Jun 2022 | Jaipur, India

- Implemented various features like **custom QR scanner, multiple account (creation / import) support** for accounts and multiple different name services.
- Rewrote a substantial part of the **OpenSea Javascript SDK** in Dart for direct **Buying / Selling of NFTs** through our wallet.
- Integrated transaction workflows for various DeFi apps such as Kommunitas , Aave , and others.
- Utilized **web3dart** to manage **blockchain calls, transactions**, and smart contracts, ensuring seamless interaction and execution of transactions.

### **RedCarpetUp, Flutter Intern**

Aug 2021 – Sep 2021 | New Delhi, India

### **Aadhya Innovations, Flutter Intern**

May 2021 – Jun 2021 | Andhra Pradesh, India


### **AppCheck**

Flutter plugin that allows checking if an app is installed/enabled, launch an app and get the list of installed apps. (40K+ Downloads)

### **Meoko**

Easy-to-use application for Nyaa (anime search) made with Flutter and Riverpod (Hooks). (5K+ Downloads)

**Findroid, Third-party native Jellyfin Android App (OSS Contributor)** 

**KeyManager, Android application to manage SSH and GPG Keys (1K+ Downloads)** 

### **EdTrack**

Beautiful Android application to track attendance & view details of a student from Edumarshal. (3K+ Downloads)

## **REFERENCES**



**On Request**