

## PROFESSIONAL EXPERIENCE

### Dyte, Software Engineer

February 2024 – present | Bengaluru, India

### Murena, Android Engineer

September 2022 – February 2024 | Caen, France

- Leading the rewrite of BlissLauncher3 for **Android 12, 13 and 14 (/e/OS)**, tightly integrated with **AOSP**, built on top of Launcher3.
- Built custom screens, animations, and folder types for BlissLauncher3, utilizing gradle plugins and subprojects.
- Engineered a weather application powered by **OpenWeatherMap**, employing clean architecture principles with a focus on MVVM and Functional Programming, and emphasizing **AppWidgets**.
- Conducting detailed studies to document findings and solutions for complex topics.

### Hyperhire, Mobile Engineer (Freelance)

June 2023 – November 2023 | Seoul, Korea

- Architected a web3 social media wallet, overseeing the entire **state management** and implementing wallet creation and import.
- Implemented **Face and Touch ID authentication**, coupled with a custom password input featuring **time-based automatic locking**.
- Integrated WalletConnect V2, enabling seamless **wallet connections** to DApps through QR scanning and facilitating various transactions on selected blockchain networks.
- Executed end-to-end implementation of wallet features on **both Android and iOS** platforms including **publishing on App Store and Play Store**.

### Vauld, Mobile Engineer

December 2021 – June 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, formerly OrangeWallet), Mobile Engineer

September 2021 – June 2022 | Jaipur, India

- Implemented **multiple account (creation / import) support** for different account methods and different name services.
- Rewrote a substantial part of the **OpenSea Javascript SDK** in Dart for direct **Buying / Selling of NFTs** through our wallet.

## Yash Garg

### Software Engineer

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## EDUCATION

### B.Tech in Electronics & Communication, Ajay Kumar Garg Engg. College

June 2019 – June 2023

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

Seth Anandram Jaipuria School

2016 – 2019

## LANGUAGES

English, Hindi

## SKILLS

Android (Java and Kotlin)

Flutter (Dart)

Rust (Intermediate)

Docker

Firebase

CI & CD Workflows

Git & Bash

## PROJECTS

### qBittorrent Manager,

Modern qBittorrent WebUI Client for Android. (3K+ Downloads)

- 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** [🔗](#)

August 2021 – September 2021 | New Delhi, India

- Built a robust **wallet design system (similar to PayTM)**, optimizing payment collections and improving financial transactions workflow.
- Resolved critical **aadhaar upload and verification issues**, impacting a user base of over one million downloads on the Play Store.
- Implemented **global localization** features for a seamless, multilingual user experience.
- Actively contributed to miscellaneous bug fixes, enhancing overall app stability and performance.

**Aadhya Innovations, Flutter Intern** [🔗](#)

May 2021 – June 2021 | Andhra Pradesh, India

- Engineered a robust B2C shop application using Flutter and **Firestore**, successfully published on Play Store.
- Enhanced security and user experience through seamless login/registration flows and **real-time chat** for customers and vendors.
- Showcased proficiency in optimizing data management using **Firestore** for efficient linking, **item storage**, and **dynamic updates**.
- Integrated **cloud functions** for **real-time notifications**, ensuring timely updates and alerts for businesses.

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

**Findroid, Third-party native**  
Jellyfin Android App (OSS Contributor) [🔗](#)

**Meoko** [🔗](#)  
Easy-to-use application for Nyaa (anime search) made with Flutter and Riverpod (Hooks). (4K+ Downloads)

**EdTrack** [🔗](#)  
Beautiful Android application to track attendance & view details of a student from Edumarshal. (2K+ Downloads)

**AppCheck** [🔗](#)  
Flutter plugin that allows checking if an app is installed/enabled, launch an app and get the list of installed apps.