

PROFESSIONAL EXPERIENCE

Murena, Android Engineer

September 2022 – present | Caen, France

- Currently working on a rewrite of **BlissLauncher3**, closely integrated with Android OS and based on Launcher3.
- Successfully implemented **custom screens, animations** and folder types for BlissLauncher3, utilizing **gradle plugins** and subprojects.
- Designed and developed a custom weather application using clean architecture principles (**MVVM and Functional Programming**) with a primary focus on AppWidgets.
- Conducting in-depth studies on complex topics to meticulously document findings and solutions.
- Proficiently implementing various **CI/CD workflows**, addressing bugs, and delivering performance enhancements, positively impacting thousands of users.

Hyperhire, Mobile Engineer (Freelance)

June 2023 – September 2023 | Seoul, Korea

- Spearheading the development of a cutting-edge custom wallet social media application, leveraging Blockchain and Web3 technologies to deliver a secure and decentralized user experience.
- Implemented the **BLoC architecture, incorporating the Singleton pattern (dependency injection) and code generation**, to ensure the application's codebase remains maintainable and easily testable.
- Additionally, streamlined **build automation** processes for enhanced development efficiency.

Vauld, Mobile Engineer

December 2021 – June 2022 | Bengaluru, India

- Integrated multiple DeFi apps and protocols, including 1inch Aggregator, Kommunitas Protocol, OpenSea, and Aave Protocol, enhancing the application's capabilities and user experience.
- 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)**.
- Demonstrated expertise in **GraphQL** integration, optimizing **caching** strategies, and streamlining API calls using the dio HTTP client. This efficient implementation resulted in enhanced data retrieval and **minimized network latency**.

OrangeWallet, Full Stack Engineer

September 2021 – June 2022 | Jaipur, India

- Implemented **multiple account support** for different account methods and support for different name services.
- Rewrote a significant portion of the **OpenSea Javascript SDK** in Dart, alongside various related libraries.

Yash Garg

Software Engineer

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📍 New Delhi, India

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in linkedin.com/yashgarg1803

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)

Javascript & Typescript

Databases (SQL & NOSQL)

Docker

Firebase

CI & CD Workflows

Git & Bash

PROJECTS

qBittorrent Manager,

Modern qBittorrent WebUI Client for Android. (2K+ Downloads)

- Worked with **camera libraries** to modify and build a custom QR scanner view.
- Worked with **web3dart**, effectively handling blockchain calls, transactions, and smart contracts. This ensured smooth interaction with the blockchain and seamless execution of transactions.

RedcarpetUp, Flutter Intern


August 2021 – September 2021 | New Delhi, India


- Successfully designed a robust wallet system, streamlining payment collections and enhancing **financial transactions workflow**.
- Resolved critical login and sign-up issues, directly impacting a vast user base of over **one million downloads** on the Play Store. These fixes significantly improved the application's user experience and reliability.
- Implemented comprehensive **localization features**, ensuring the app catered to a global audience by providing a seamless experience in multiple languages.
- Additionally, actively contributed to miscellaneous bug fixes, enhancing overall app stability and performance.

Aadhya Innovations, Flutter Intern

May 2021 – June 2021 | Andhra Pradesh, India

- Successfully designed and developed a comprehensive, full-stack B2C shop application using Flutter and **Firestore**, with the final product published on the Play Store.
- Implemented secure and seamless login and register flows, enhancing user experience, and facilitating **real-time chat** functionality for both customers and vendors.
- Demonstrated expertise in leveraging Firestore extensively for efficient data linking, storage of items, real-time chat, and **dynamic updates**, resulting in a smooth and responsive user experience.
- Effectively integrated **real-time notification** capabilities using cloud functions, enabling businesses to receive timely updates and alerts.

KeyManager, Android
application to manage SSH and GPG Keys 

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

Meoko

Easy-to-use application for Nyaa (anime search) made with Flutter and Riverpod (Hooks). (3K+ Downloads)

EdTrack

Beautiful Android application to track attendance & view details of a student from Edumarshal. (1K+ Downloads)

AppCheck

Flutter plugin that allows checking if an app is installed/enabled, launch an app and get the list of installed apps.