

Ronak Punase

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SUMMARY

With 4 years at PuStack, including 2 years as the sole Flutter developer, I've overseen the entire product lifecycle, from early stages to scaling apps for diverse Android and iOS audiences. I excel at translating designs into DRY, high-quality code and mentoring developers both within teams and as a self-starter YouTube instructor.

EXPERIENCE

Flutter Developer

PuStack · pustack.com

July 2021 - Present, Panipat, Haryana

PuStack develops a learning platform designed to help students globally.

- **Integrated native SDKs:** Incorporated Agora's native Android and iOS SDK into a Flutter plugin, enabling seamless whiteboard and networking capabilities while reducing development time by **25%**.
- **Video calling expertise:** Established a reliable video calling mechanism by integrating FCM, iOS CallKit, and Flutter, delivering functionality on par with WhatsApp.
- Developed a Flutter **video calling plugin** inspired by getstream.io, featuring an abstract **ringer** for easy integration on **Android** and **iOS** with native CallKit, reducing the development time of such a complicated feature by more than **75%**.
- **Responsive UI/UX:** Enhanced user experience by implementing responsive designs for **tablet** and **iPad**, ensuring pixel-perfect UI across diverse screen sizes.
- Designed and developed a dedicated Flutter app **from scratch**, tailored to the needs of tutors, enabling seamless collaboration between more than **50000+ students** and tutors.
- **Feature innovation:** Delivered an **Instagram Stories-inspired** feature, with the help of advanced video caching techniques and Flutter best practices to reduce load times by **35%**, ensuring high performance and responsiveness.
- Built admin tools such as a Content Management System, Customer Care Platform on **Flutter Web**.
- Led the revision and seamless deployment of the official **PuStack** and **PuStack Tutor** apps on the **Play Store** and **App Store**.
- Designed and implemented a resilient call billing infrastructure, alongside a performance-based payout system for instructors to ensure fair financial compensation, resulting in a 25% increase in instructor engagement.

PROJECTS

QuickBytes

Personal Project · github.com/Ronak99/QuickBytes

- A news delivery application that provides bite-sized news via **push notifications** on Android and iOS.
- Utilised the latest Flutter tools such as **Navigator 2.0** for seamless web like navigation.
- Implemented **Bloc** based event driven **reactive-state management** throughout the project.
- Configured **GitHub Actions** to implement CI/CD workflows efficiently.
- Backend on **Express.js** in **Typescript** along with **MongoDB** with Prisma.

The CS Guy

Passion Project · www.youtube.com/@TheCSGuy

- Developed tutorials with a strong emphasis on the UI capabilities of Flutter, garnering over **200,000 views**.
- Delivered a comprehensive free **YouTube course on Flutter**, reaching over **150,000 viewers**, demonstrating its stability for demanding tasks like **video-calling**.
- Mastered a variety of app development principles including Test-Driven Development, Bloc, Riverpod and Provider state management, auto-code generation/annotations, and more.

SKILLS

Flutter: Bloc, Navigator 2.0, Provider, Riverpod, Freezed, GetIt, GoRouter, MVVM, Unit Testing

Mobile: Android (Java, Kotlin, Jetpack Compose), iOS (Swift)

Backend: Firebase, MongoDB, Prisma, ExpressJS | Git, Github, Github Actions (CI/CD)

EDUCATION

Bachelors of Engineering

RGPV University · Bhopal, MP · 2021 · 4.25