

CYRIL PILLAI

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SUMMARY

Seasoned professional with 10 years of experience, currently building advanced features for Trading Pro users at Revolut. I possess extensive technical expertise in mobile applications and software systems enabling me to drive innovation and ensure optimal performance. My strong leadership and communication skills foster effective collaboration with cross-functional stakeholders, including Product Managers, Designers, QA Analysts, and Business Teams, facilitating the achievement of collective goals.

EXPERIENCE

Senior Software Engineer, Revolut - Dubai, United Arab Emirates *Apr 25 - Present*

- Enhancing the **analytics experience** and delivering advanced features for **Trading Pro** users to improve engagement, usability, and performance.

Software Development Engineer III, super.money (by Flipkart) - Bengaluru, India *Aug 24 - Apr 25*

- Led the initiative of building a **Transaction Ledger** on the app enhancing **offline experience**.
- Introduced **build flavors** eliminating the need to manually change files during development increasing overall **development efficiency** of the team.
- Built **Aim to Pay** using Gravity Sensor enabling users to promptly scan QR codes.
- Revamped the Transaction Detail experience with intuitive **animations** and smart nudges, significantly improving user interaction and cross-selling potential.
- Documented processes to create a **knowledge base** that can be leveraged by engineers and other stakeholders.

Lead Software Engineer, GoTo Group - Bengaluru, India *Oct 21 - Aug 24*

- Spearheaded legacy codebase **re-architecture** for improved readability, scalability, and maintainability. Gradual rewrite boosted code coverage from **1% to 70%**, minimized crashes, enhanced predictability, and boosted developer productivity.
- Collaborated with diverse stakeholders to overhaul the GoSend product, resulting in enhanced user experience, **28% reduction** in booking creation time and proliferation of total COs by **10%**.
- Coordinated efforts across departments to build and launch the Single Pickup Multi-Drop feature, resulting in a **4.4%** profit boost amounting to **~\$510K** annually.
- Analyzed **technical debts** like code cleanup, feature toggle removal, code refactoring, etc. and devised a plan with EM and other stakeholders to address them efficiently without hampering product deliverables.
- Mentored junior team members through personalized 1:1 sessions, knowledge-sharing forums, comprehensive code reviews, and strategic discussions on RFCs & ADRs. Provided actionable feedback and career development support empowering them to achieve their professional goals.

Senior Software Engineer, GoTo Group - Bengaluru, India *May 20 - Oct 21*

- Orchestrated the successful migration to **AndroidX** for the entire consumer app codebase, comprising over 200 modules.
- Consistently demonstrated ability to swiftly identify, debug, and resolve critical bugs, including instances such as mitigating an **UndeliverableException**, which led to **5K crashes** impacting 4.5K users within 7 days or resolving discrepancies in LatLngs for created bookings.
- Crafted comprehensive **technical documents** such as RFCs, RCAs, ADRs, onboarding guides, and how-tos, ensuring clear communication and knowledge dissemination across teams.

- Played a pivotal role in shaping the **high-level architecture** and API contracts, particularly in complex backend systems with multiple microservices, contributing to streamlined development processes and enhanced system performance.
- Promoted adoption of best practices across the team through structured code reviews & SOPs.

Product Engineer, GoTo Group - Bengaluru, India

Sep 18 - Apr 20

- Led the end-to-end development and launch of Intercity on the Android front, showcasing exceptional **project management skills**, technical acumen, and strategic vision.
- **Mitigated fraud** in GoSend reversal flows by introducing sender verification & geo-fencing constraints resulting in increased trust amongst users.
- Integrated in-house Chat SDK in GoSend solving communication issues between consumers and drivers. The feature experienced a high adoption rate and also **reduced SMS costs**.
- Tackled tightly coupled code by **refactoring** and writing **unit tests** to enhance testability, reliability, and maintainability, fostering a robust development environment.
- Focused on **code quality** and readability by applying principles like SOLID, DRY, KISS, YAGNI, composition over inheritance, intent over implementation, etc.

Android Developer, m.Paani - Mumbai, India

May 16 - Aug 18

- **Architected** the entire B2B application following the MVVM architecture, prioritizing robustness, scalability, and **offline functionality** for mobile devices.
- Implemented Metaprogramming concepts through **annotation processing** to automate the generation of boilerplate code, reducing human errors. Open-sourced the solution on GitHub.
- Developed a lightweight rewards redemption **SDK** featuring intuitive APIs and minimal footprint.

Android Associate, SKCS LLP - Mumbai, India

Jan 15 - Mar 16

- Collaborated with stakeholders to bring ideas to fruition and worked on a variety of Android apps for clients across multiple sectors.
- Solely developed a keyboard application from **conception to launch**, garnering substantial traction within the first month of launch.
- Designed and implemented a **mobile/tablet-friendly POS system** for restaurants/canteens, enabling order placement, KOT management, offline support, and bill printing.
- Created a crowdsourced **phone number identification** app that displays caller details for unknown numbers during incoming calls. Utilized multi-layer inference for accurate identification, integrated phone call receivers, overlay window, and user location syncing.

EDUCATION & CERTIFICATIONS

Associate Android Developer

Jan 2017

Google Inc.

Bachelor of Science, Computer Science

Jul 2015

Mumbai University

SKILLS

Mobile app development, System Design, Software Architecture, Android Framework, React Native, Typescript, Kotlin Multiplatform, Flutter, MVP/MVVM/Clean, Jetpack Compose, Offline first apps, REST, ProtoBuf, Serverless, NodeJS, CI/CD, Design Patterns, Technical Writing, Leadership, Mentorship, Collaboration, SDLC, Agile methodology.

AWARDS & RECOGNITIONS

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- Spotlighted in a dedicated **video** by *Google For Developers India* detailing my software development journey.
 - Invited by Google as a **panelist** to address engineering students of Suresh Gyan Vihar University, Jaipur during *Mobile Developer Fest*.
 - One of **8 exclusive recipients** from India to get a sponsorship for *Google I/O 2017* hosted at Mountain View, California.
 - Among the **first 300** to complete the Associate Android Developer Certification globally.
 - Recipient of the **Best UI Award** at an Android hackathon hosted by *m-Indicator*.
 - Ranked among the **Top 10 participants** in the *I-Know-Vention* competition organized by SEED Infotech.