

BIRMINGHAM—MUMBAI

# Simplifying Android Development with Coroutines and Flows

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*To my loving wife Celine for her support and encouragement, especially during the time I was writing this book.*

*To my parents for all their sacrifices and for raising me well.*

– *Jomar Tigcal*

# Foreword

I have known Jomar for over a decade. He and I met when I was planting the seeds for the Google Developer Groups in the Philippines. It started as a help group for Filipino developers who wanted to learn how to develop apps using Google technology. It was soon called the Google Technology Users Group, and it was eventually renamed as **Google Developer Group (GDG)**.

Jomar played a key role in the growth and development of this group. I was looking for someone who could help teach the community how to use HTML5. Jomar was then very shy, but I saw the spark in his eyes whenever new technology was introduced. After much convincing, Jomar agreed to conduct the training session.

We were really surprised by the number of attendees who joined the session. We even had more attendees who joined online (streamed with spotty internet through my tiny netbook). Jomar was obviously very nervous, but when he started getting into tech, I saw him blossom into the well-admired developer he is today.. Soon enough, he was conducting similar sessions during GDG events in Mountain View.

Jomar, with the rest of the GDG team, carried the torch for many years. He developed several useful applications like Sweldong Pinoy, Budget Pinoy, Thirteenth Month, Boto Ko, PHostpaid, Pinoy Jokes, and GDG apps (GDG Watchface and GDG Philippines). He continued to teach and share his knowledge with developers across the country. This book, where you will learn how to build high-quality and maintainable Android applications using Coroutines and Flows, did not come as a surprise.

Jomar continues to inspire and demonstrate to other developers that anything is possible if you put your mind to it. I'm no longer guilty of forcing

Jomar to host that first HTML5 training. It is his destiny to help, encourage, and inspire other developers to learn and create more useful applications.

*Aileen Apolo-de Jesus*

*Former Senior Program Manager, Google*

## Contributors

### About the author

**Jomar Tigcal** is an Android developer with over 10 years of experience in mobile and software development. He has worked on various stages of app development for both small startups and large companies. Jomar has also given talks and conducted training and workshops on Android. In his free time, he likes running and reading. He lives in Vancouver, BC, Canada with his wife, Celine.

### About the reviewer

**Shreyas Patil** is a Google Developers Expert for Android and works as an Android Developer at Paytm Insider. He is a self-taught developer and has experience in developing Android and web frontend and backend applications. He has several of his own applications published on the Google Play Store. He loves building products and apps and developing useful libraries that help everyone. He's also an organizer of the community of Kotlin Mumbai. He spends a lot of his development time contributing to open source projects, most of which he started by himself and can be found on his GitHub profile. He loves contributing to the community by writing blogs and articles and making open source projects that can help fellow developers to learn new things.

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