

Simon Duchastel

9 years of experience | 7 years Android expertise

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TECHNOLOGY EXPERIENCE

Stripe

Software Engineer – Mar. 2024 to 2025

- Responsible for entire [Dashboard Android app](#) (1M+ downloads) on a 3-dev team, including all new app features, app deployments, managing **Google Play**, operational maintenance, etc.
- Developed the team's first "backend-for-frontend" server endpoint to display in-app notifications to users. Designed and built backend endpoint in Stripe's **Ruby** monorepo, including localized copy to support 10+ languages. Viewed **30k+ per day**.
- Designed and built [Android Connect SDK](#) in open-source repo. Designed SDK APIs to enable 3rd party apps to embed Stripe UI via Java or Kotlin and used **webviews** to load JavaScript SDK.
- Rewrote entire search experience to **Fragment** and **Jetpack Compose** architecture using a **Pager UI** pattern with infinite vertical scroll and caching. Used by **50k+ users per day**.

98point6

Software Engineer – Jun. 2018 to Mar. 2024

- **Tech Lead** for new white-labeled mobile offering overseeing 6 developers. Built out app pipeline where a white-labeled app could be stood up in <1 week and rewrote the onboarding flow to meet updated insurance requirements.
- Built new microservice using **AWS Lambda**, **API Gateway**, and **Pinpoint** to manage push notifications for 8+ apps. Integrated with **Google Firebase** and **Apple APNS** for notifications.
- Built **Kotlin/Java** SDK to embed patient experience into 3rd party apps, including leading app redesign to **Kotlin Multiplatform**, **Jetpack Compose**, **GraphQL**, **MVVM** architecture.
- Rewrote chat UI in [98point6 Android app](#) from **Fragments** to **RIBs architecture**, including expanding device integration tests using **Espresso** for significantly higher UI test coverage.

Voicebox

Software Engineer – Mar. 2016 to Aug. 2017

- Developed web services in **C#** to support automated test suite development.
- Built out automated test suites for internal tooling using **Selenium**.

EDUCATION

University of Washington —2017 to 2020

B.S. in Computer Science (Class of 2020)

LANGUAGES

- **English** — Native speaker
- **French** — Native speaker

VOLUNTEER EXPERIENCE

Board Secretary — Grandview HOA, *2021 to Present*

- Board Secretary and Assistant Treasurer for 100+ unit high rise in Seattle.

Volunteer Guide — Trails & Rails (National Park Service), *2022 to Present*

- Engage with passengers onboard Amtrak trains in Seattle and New York as an onboard guide.

SKILLS

Languages

- Kotlin (including Multiplatform)
- Java
- TypeScript/JavaScript
- Ruby
- GraphQL

Tools

- Google Play
- Firebase
- AWS (Lambda, API Gateway, IAM, etc.)
- AWS CDK (Infrastructure as Code)
- Terraform
- Splunk
- SumoLogic
- Git (source control)

Frameworks

- Android (native development)
- Kotlin Multiplatform Mobile
- React Native
- Jetpack Compose (Declarative UI)
- MVVM architecture
- Kotlin Coroutines
- RxJava (Reactive Programming)
- Espresso (UI testing)
- Selenium (Automated End-to-End testing)

Project Management

- JIRA
- Confluence
- Agile