

# Simon Duchastel

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Experienced Software Lead with 7 years of mobile expertise.  
Devoted to shipping impactful mobile apps and projects at scale.

## 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.
- Built the team's first "backend-for-frontend" server endpoint to display "What's New" in-app notifications to users. Localized copy on backend for display in the app on startup. Independently designed, implemented, and deployed in Stripe's Ruby monorepo. Mentored developer unfamiliar on Android to ship the feature on Android. Viewed **30k+ per day**.
- Designed and built [Android Connect SDK in open-source repo](#). Designed the SDK to enable 3<sup>rd</sup> party integrators to embed Stripe UI in Java or Kotlin and hook into app lifecycle events. Used **webviews** to load JavaScript SDK on Android while hooking into native functionality/APIs.
- Entirely rewrote search experience, fully migrating it to a **Fragment** using **Jetpack Compose** using a **Pager UI pattern**. Incorporated infinite scroll and caching. Used by **50k+ users per day**.
- Migrated features to **Jetpack Compose**, working closely with design and product.

### 98point6

#### **Software Engineer** – Jun. 2018 to Mar. 2024

- **Tech Lead** for new white-labeled mobile offering overseeing 6 developers. Built out app distribution pipeline where a new white-labeled app could be stood up in <1 week and rewrote onboarding flow in conjunction with 2 partner teams to meet new 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.
- Led app redesign to **Kotlin Multiplatform**, **Jetpack Compose**, **GraphQL**, **MVVM architecture**.
- Built **Kotlin/Java SDK** to embed patient experience into 3<sup>rd</sup> party apps. Designed all SDK APIs.
- Rewrote auth on Android to support **Single Sign-On** and move **RxJava** to **Kotlin Coroutines**.
- Rewrote video chat UI in the [98point6 Android app](#) from **Fragments** to **RIBs architecture**.
- Expanded device integration tests using **Espresso** for significantly higher UI test coverage.

### Voicebox

#### **Software Engineer** – Mar. 2017 to Aug. 2017

- Developed web services in **C#** to support automated test suite development.

#### **QA Intern** – Mar. 2016 to Mar. 2017

- 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 from Seattle to Portland 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

### Frameworks

- Android
- 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 and Confluence
- Agile