DENVER STARTUP WEEK

SEP 14-18, 2020

DenverStartupWeek.org
#DENStartupWeek

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PROLOGIS®

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FLUTTER: ONE CODEBASE, THREE APPS

Rona Kilmer
09/17/2020

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RONA KILMER

Co-Founder & CPO, Reddiyo
Co-Organizer, Flutter Denver Meetup

@rkunboxed @reddiyo

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AGENDA

- Why Reddiyo Chose Flutter
- Intro to Flutter
- Why Dart
- Sample App Demo
- Tools and Resources
- Q&A (drop in chat w/prefix, “#Q”)

REDDIYO

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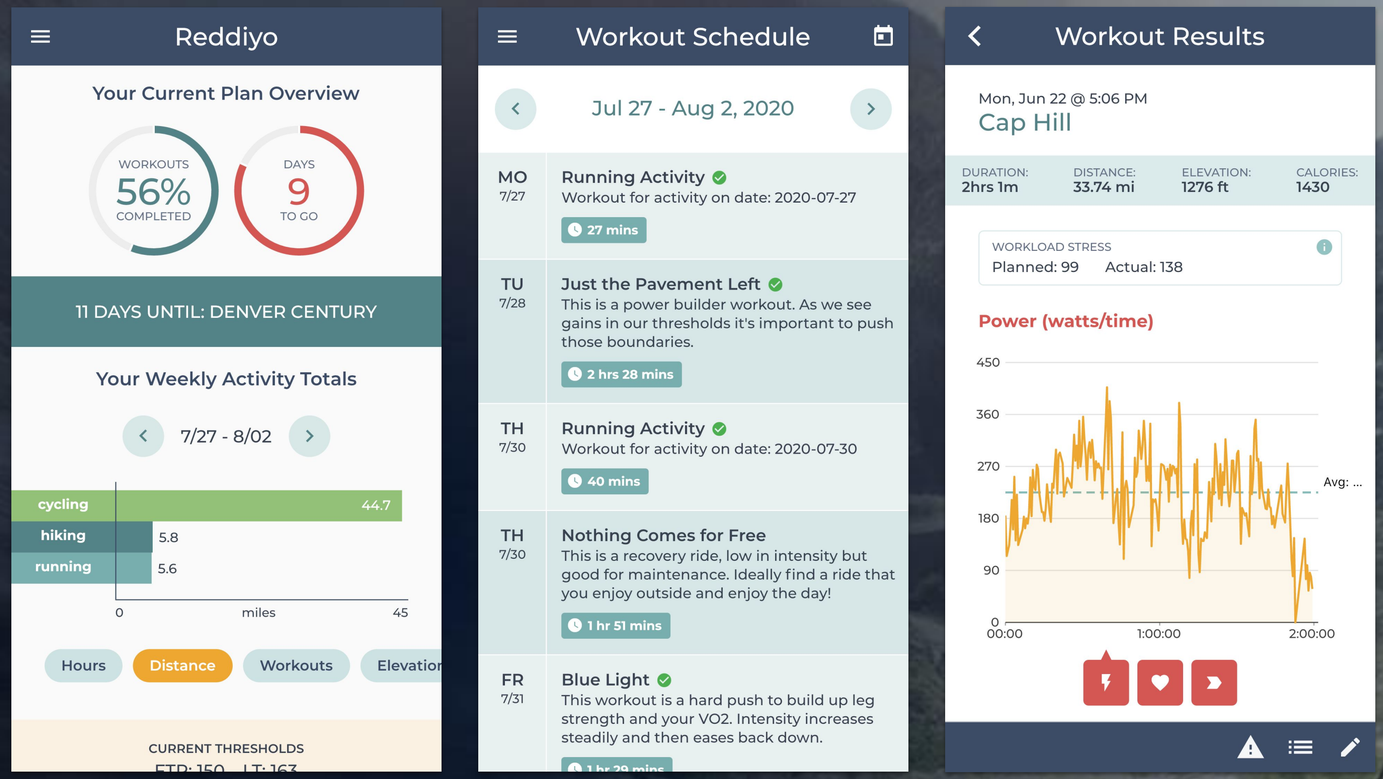

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WHY REDDIYO BET ON FLUTTER

Budget

Reddiyo is a bootstrapped startup. Hiring both Swift and Kotlin developers wasn't in the budget.

+

Learning Curve

We had plenty of web application development experience but not much in native mobile app development.

+

Timeline

The mobile app was critical to getting Reddiyo off the ground. We needed it in the app stores ASAP.

Flutter for the Win

One language for iOS, Android = small team
Dart felt familiar = short learning curve
Huge library of widgets, hot reload, and excellent documentation = fast development

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WHAT IS FLUTTER?

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FLUTTER IS...

A UI TOOLKIT

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FLUTTER IS...

OPEN SOURCE

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FLUTTER...

COMPILES TO NATIVE CODE

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FLUTTER IS...

DECLARATIVE

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FLUTTER IS...

NOT OPINIONATED

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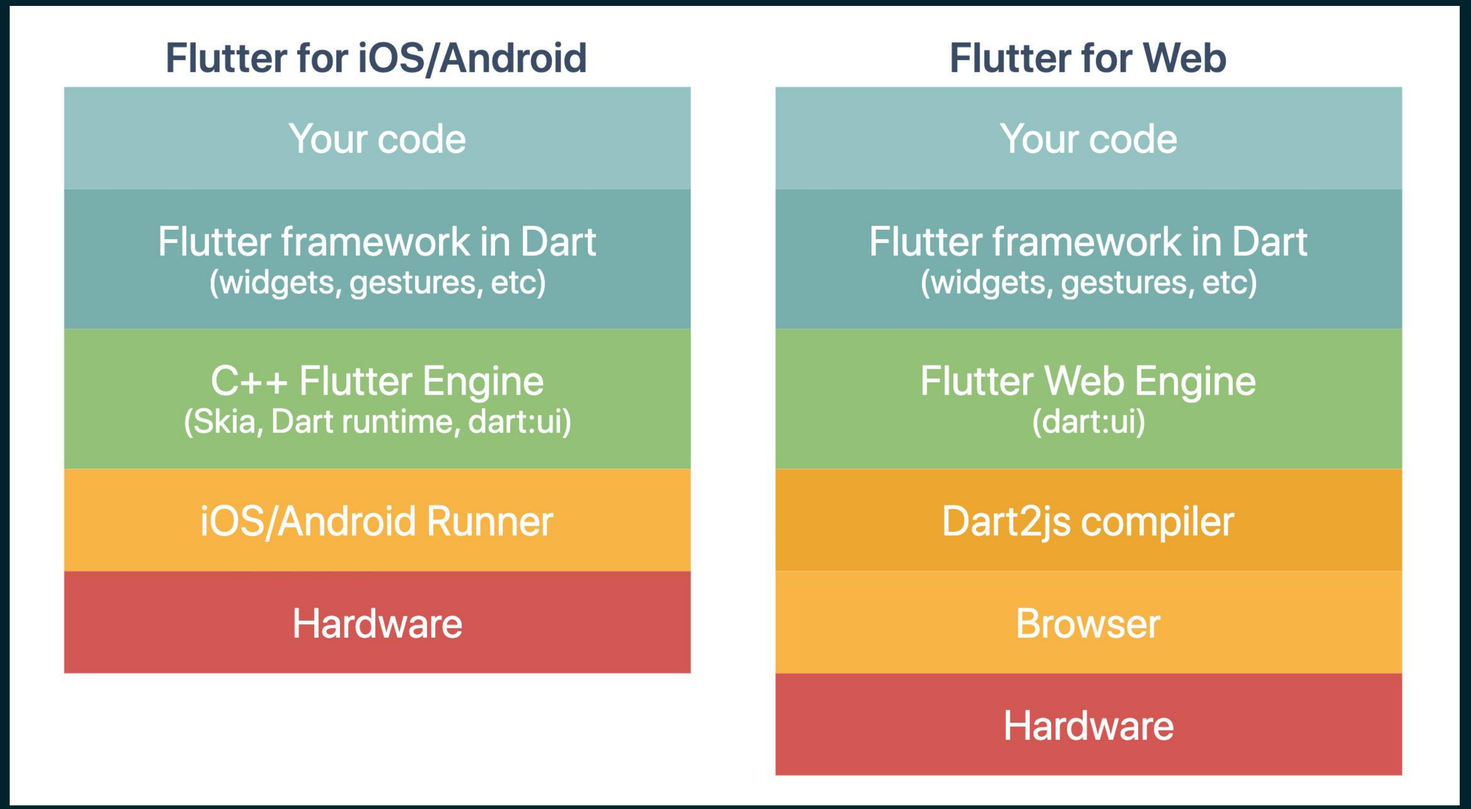
SUPPORTED PLATFORMS

HIGH LEVEL ARCHITECTURE



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WHY DART?

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DART IS...

FAMILIAR

DART IS...

OBJECT-ORIENTED

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DART IS...

STATICALLY TYPED

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DART IS...

PRODUCTIVE

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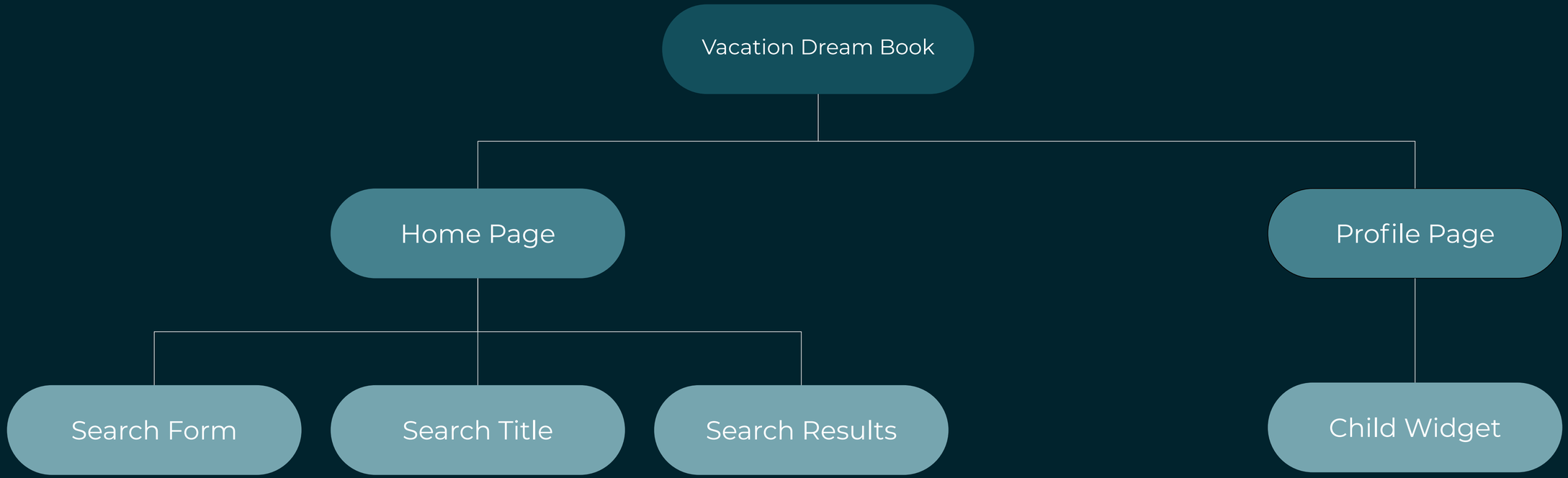
EVERYTHING IS A WIDGET

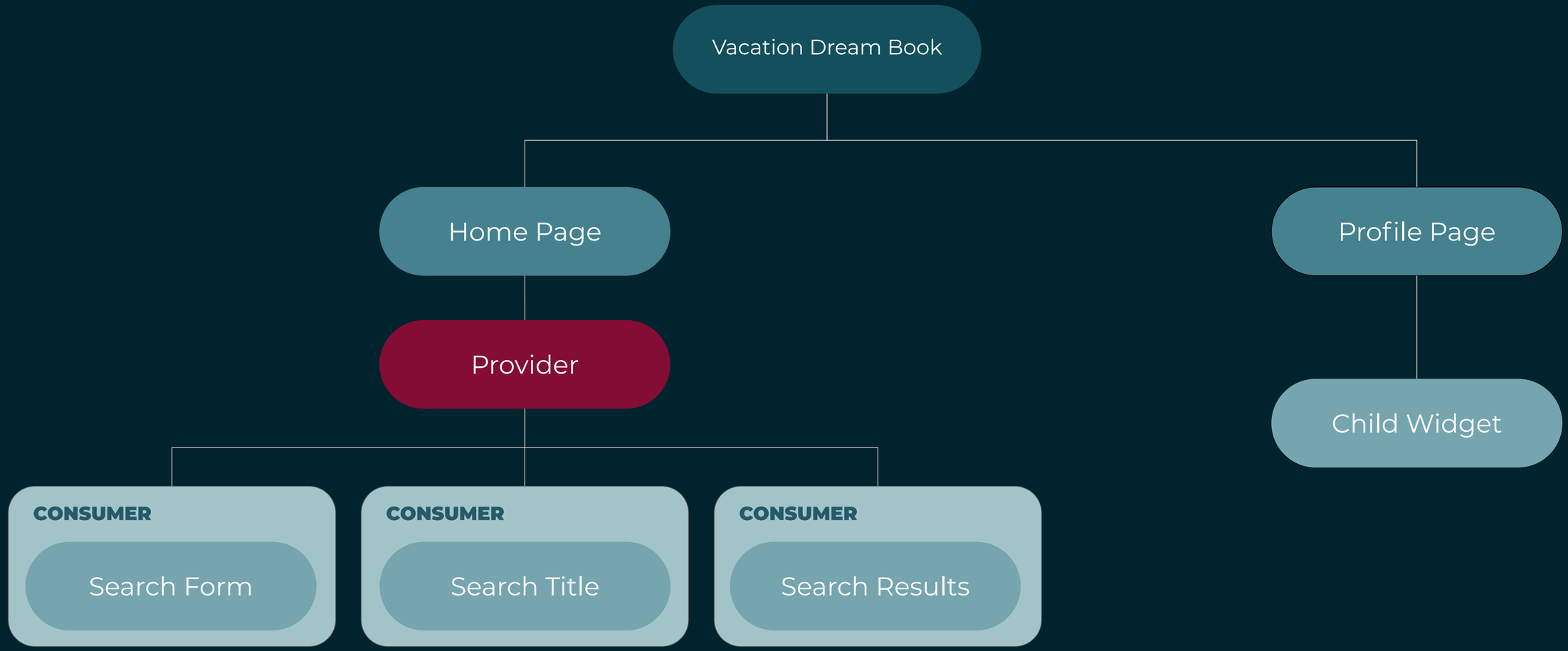
What the heck is a widget?

DEMO - VACATION DREAM BOOK

STATE MANAGEMENT



STATE MANAGEMENT



DEMO - PROVIDER

DEMO - MORE APP ESSENTIALS

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TESTING

-Unit

-Widget (component test)

-Driver (integration)

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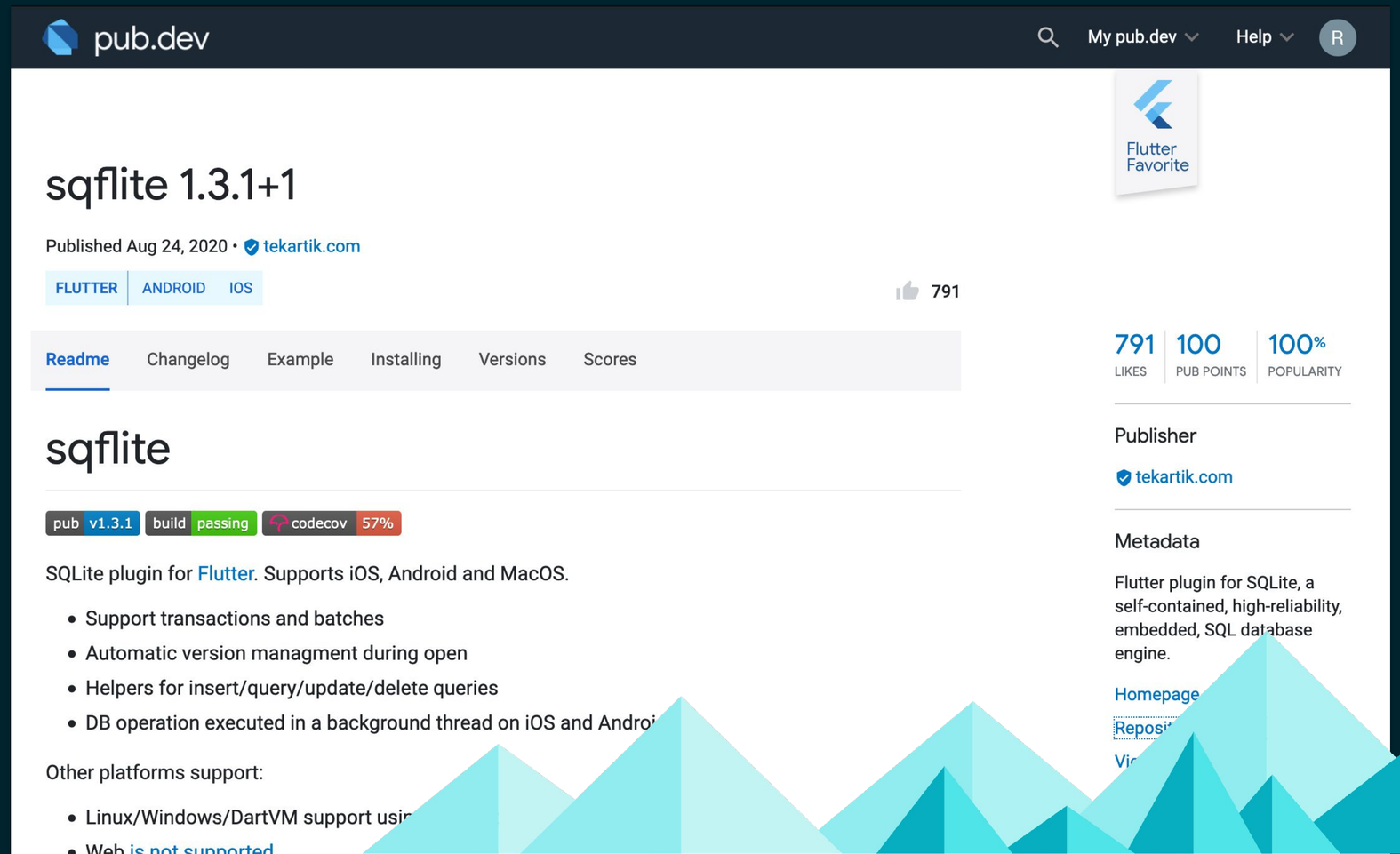
USEFUL TOOLS

- DevTools
- DartPad.dev
- CodePen.io
- Rive
- Adobe XD

ROBUST PACKAGE ECOSYSTEM - PUB.DEV

- Firebase
- AWS (Amplify in dev preview)
- MLKit
- JSON Serializable
- Sentry
- Sqflite
- Google Fonts



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HELPFUL RESOURCES

- https://flutter.dev
- https://gallery.flutter.dev
- https://flutter.dev/community
- https://www.meetup.com/Flutter-Denver/
- DEMO: https://bit.ly/35JdSZ6

FLUTTER ISN'T JUST FOR STARTUPS

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Thank you!

RONA KILMER

Co-Founder & CPO, Reddiyo

Co-Organizer, Flutter Denver Meetup

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