

# Brian Fleury

Flutter Software Engineer

Currently seeking a Senior Flutter Software Developer role

Concord, NH

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## MOBILE APPLICATION DEVELOPMENT

### Flutter Architect/Developer — *Freelance/Consulting*

August 2019 – Present

- Architect, design, and implement apps for Android, iOS/macOS, Web
- Convert existing Android, iOS and web sites/mobile apps to Flutter
- Extensive experience with release management in app stores
- Implement unit testing, widget testing and integration testing
- Backend – Started with Firestore, migrated to AWS Amplify
- Experience with GitHub and AWS CodeCommit
- Familiar with Provider and GetX, full migration to Riverpod 2.0
- Unit, Widget and Integration testing leveraging Mockito
- Strong focus on using packages from flutter.dev team
- Passion to learn modern tools and frameworks
- Familiarity with GitHub Copilot framework and processes

Heavy focus on using packages from flutter.dev and AWS to reduce reliance on boilerplate code and platform code and for efficiency in maintaining app stability.

### Diagnose Early Holdings — *Senior Flutter Developer*

October 2023 – July 2024 – REMOTE POSITION

- Responsible for revisions and publishing of single mobile app
- Apple Health Kit and Android Health Connect integration
- Mobile app communication with AWS Amplify
- Mobile app for tracking health metrics

### Blu Banyan — *Senior Flutter Developer*

April 2023 – July 2023 – REMOTE POSITION

- Responsible for full life cycle of single mobile app
- REST backend
- Mobile app used as employee time management app and solar installation project tracker

### 4thID IoT mobile — *Senior Flutter Developer*

September 2021 – February 2023 – REMOTE POSITION

- Responsible for full life cycle of 3 separate mobile apps
- REST backend / AWS Amplify backend
- Mobile apps used for property access, laundry and kiosk services via bluetooth and NFC communication to custom IoT devices

## SKILLS

Mobile Development:

AWS Amplify

Flutter – 2019

Firebase

iOS

Android

VS Code

Xcode

JSON data format

## LANGUAGES

Dart

Kotlin

Python

Swift

Java

GraphQL

C#

TypeScript

## OTHER EXPERIENCE

### **AWS Amplify/Google Firestore— *Fullstack development***

October 2021 - Present

Build and convert new and existing mobile apps to use Amplify ecosystem AppSync (GraphQL), Datastore (DynamoDB), Storage (S3), Authentication, Continuous Deployment, Analytics and Notifications (Pinpoint).

### **iOS/tvOS Developer— *Freelance/Consulting***

November 2014 - Present

- Xcode and Swift
- Google Cloud services integration via Google Firestore
- Extensive experience with release management in App Store

### **Android Developer — *Freelance/Consulting***

May 2011 - Present

- Initial development with Android Studio and Java
- Future development using Android Studio and Kotlin
- Google Cloud services integration via Google Firestore
- Extensive experience with release management in Play Store

### **NHTI - Concord's Community College, Concord, NH — *Technology Specialist***

October 2002 - Jan 2021

- Build and manage Windows operating systems
- Maintain virtual network with Vsphere and Vcenter
- Maintain software configuration via SCCM
- Extensive Powershell scripting for task automation
- Maintain VDI infrastructure with Dell WYSE thin clients
- Provide Tier 2 and Tier 3 technical support
- Distribute user training manuals
- Develop documentation in new computing functions

Technology Specialist role consisted of virtual network support, windows operating system support, desktop and network helpdesk support plus technical assistance with lower level tiers.

## EDUCATION

### **NHTI, Concord, NH — *Associates in Computer Information Systems***

October 2002 - October 2005

- Core IT competencies
- Programming
- Database design
- Home and small business networking
- Personal computer hardware and software
- Network design and administration