

# Richard Westmoreland

## Software Engineer

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## Relevant Experience

### Software Engineer @ DroneDeploy

January 2022 - Present // Remote - San Francisco, CA

- ▶ iOS and Android Deep Link Project
  - Drafted tech design for the incorporating deep linking into our hybrid Cordova app written in Typescript / Angular.
  - Researched and implemented deep linking strategies for both iOS and android.
  - Educated other team members on how deep linking works and how it is implemented in our application.

### Software Engineer @ FlightAware

February 2020 - December 2021 // Remote - Houston, TX

- ▶ FlightAware Aviator
  - Implemented the frontend product purchase wizard and account management user interfaces with React and first instance of Redux in our stack.
  - Introduced automated tests using Jest and React Testing Library.
  - Educated web team on Redux benefits and established FlightAware-specific best practices.
- ▶ FlightAware Web Accessibility Initiative
  - Drafted discovery document and next steps on requirements to bring FlightAware into WCAG 2.1 compliance.
  - Implemented accessibility changes across FlightAware.com.
  - Trained colleagues on WCAG requirements to persist web accessibility best practices.
- ▶ "Firestarter" MVP Application
  - Designed and implemented the frontend using React and Material Design.
  - Utilized REST best practices to facilitate interfacing with the FlightAware Firehose service.
- ▶ Mentor to engineers on the web team.
- ▶ Member of the technical interview team.

### Captain @ SkyWest Airlines

January 2016 - January 2020 // Houston, TX

- ▶ Ensured the safety of passengers on board Canadair Regional Jet aircraft
- ▶ Managed a flight crew of 3-4 crew members

### First Officer @ SkyWest Airlines

December 2014 - January 2016 // Houston, TX

- ▶ Ensured the safety of passengers on board Canadair Regional Jet aircraft

## Skills

### Programming Languages

TypeScript, JavaScript, HTML, CSS / Sass, tcl, Python, Dart, PHP, GraphQL, PostgreSQL

### Libraries and Frameworks

React, Node.js, Express, Redux, React Testing Library, Jest, jQuery, Gatsby, NextJS, Flutter, Angular

### Tools and Platforms

Git, GitHub, Strapi, Firebase, Docker, Netlify, Digital Ocean, Wordpress

## Education

### University of Houston

2005 - 2010 // Houston, TX

Bachelor of Arts with an all-level certification in music education

## Projects

### Keg Track App

A mobile application written in Dart with the Flutter framework. Uses Firebase Cloud Firestore as the backend to monitor and track keg volumes.

[www.kegtrackapp.com](http://www.kegtrackapp.com)

### WiFi Temperature Controller

An Arduino-based WiFi temperature controller that uses a PHP backend to query a MySQL database.

## Interests

Cycling, running, hiking, homebrewing, general aviation, drone photography