

# XAMARIN DEVELOPER SUMMIT

Houston, TX  
2019

#XamDevSummit

# Xamarin Forms Workshop

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Zero to App  
in 120 Minutes



## Jason Awbrey

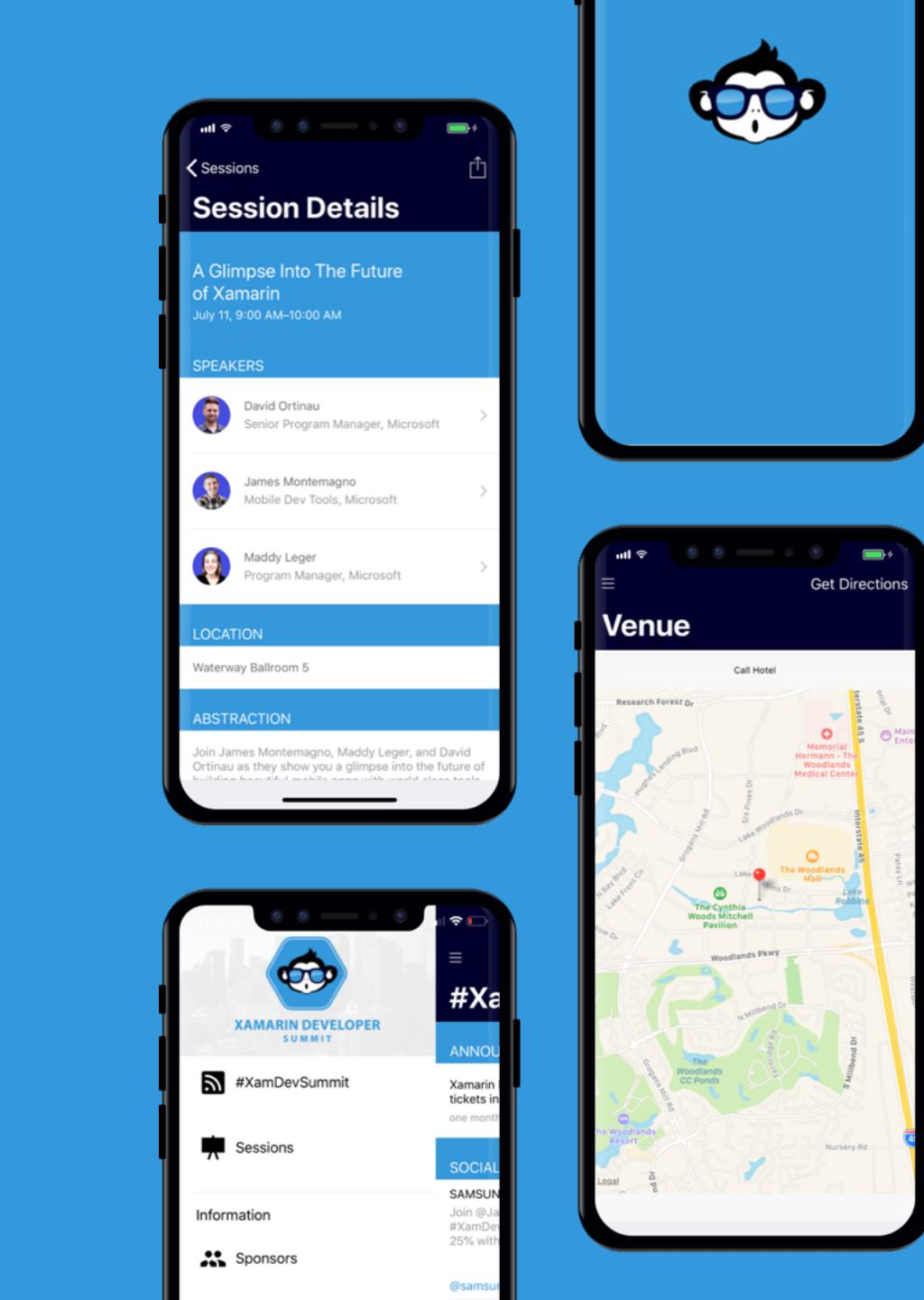
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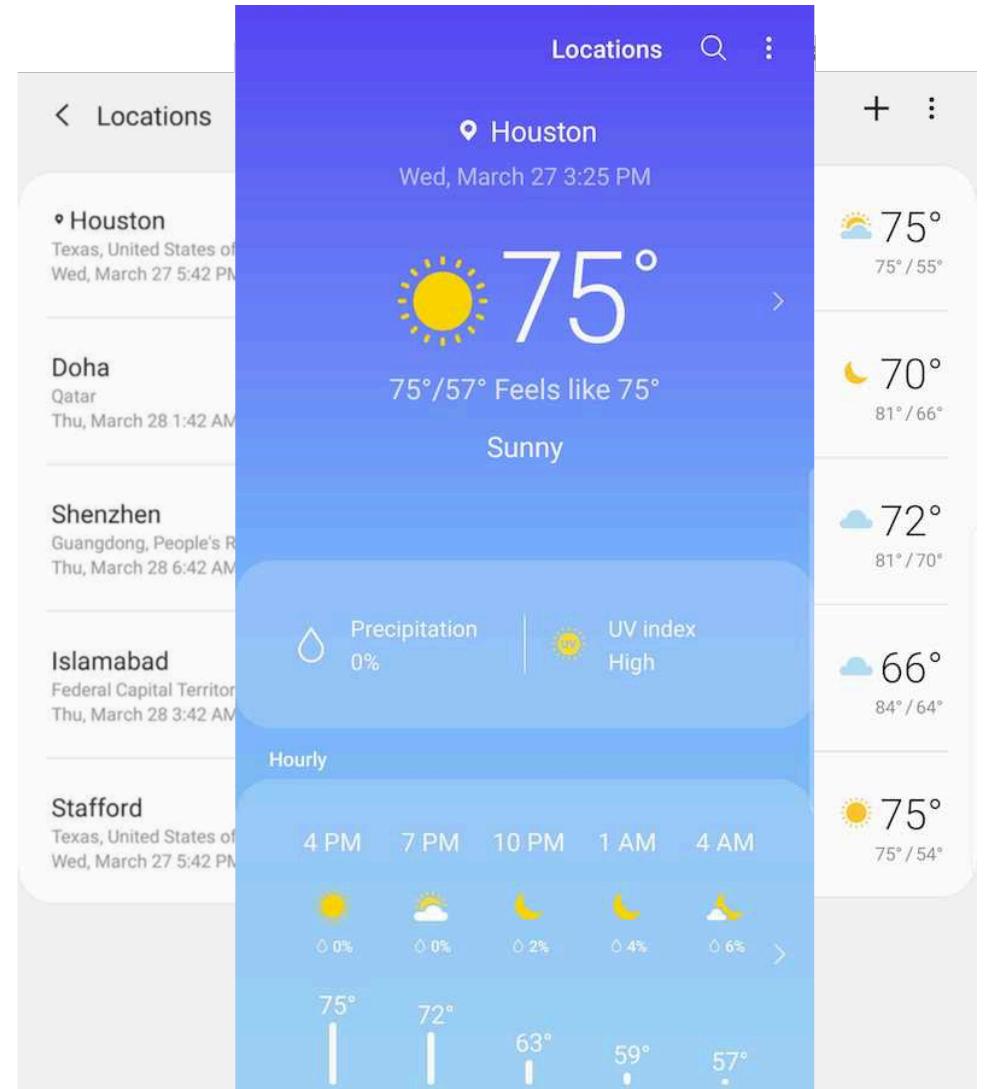
# AGENDA

Download our Xamarin based mobile app: [XamDevSummit](#).



# Goal:

# Build a Cross Platform Weather App



# Step 1: Create the Project

- Create a blank XF project
- Upgrade packages
- Verify that it runs in iOS and Android
- Discuss solution structure

# Layout a Basic UI

## Step 2:

- Create XAML layout
- Use previewer
- Design time data

# Create a Model

## Step 3:

- Add simple model
- Use data binding

# Add Services

## Step 4:

- Use Refit
- Create Interface
- Use json2csharp to create model
- Add searching handler
- Update bindings
- Execute service call

# CollectionView

## Step 5:

- Create ViewModel
- Update Bindings
- Fody and INPC
- Listview → CollectionView
- Create SavedLocation model

# Geolocation

## Step 6:

- Essentials
- Add Geolocation
- Add Reverse Geocoding
- Permissions

# Persist Data

## Step 7:

- SQLite
- Add db class
- Update model
- Handle duplicates

# Navigation

## Step 8:

- Add a Detail page
- Add navigation

# Revisit the UI

## Step 9:

- Add icons
- Add colors
- Use converters
- Add more data

# Q & A



Thank You!