

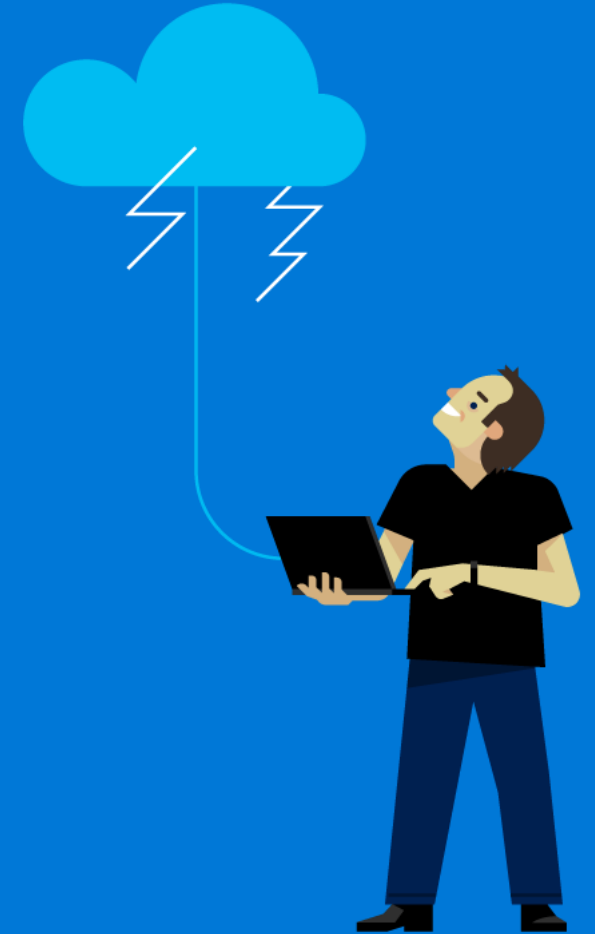
Building Cloud-Connected Apps with Azure & Xamarin

Pierce Boggan



Objective

Build a cloud-connected Yammer clone with Azure App Service and Xamarin.



Agenda

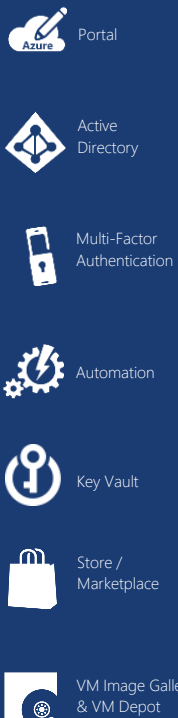
1. Build a no-code backend with Azure Easy Tables.
2. Create a fully-customizable ASP.NET Web API backend.
3. Add identity with Azure Active Directory.
4. Add push notifications with Azure Notification Hubs.
5. Add blob storage with Azure Storage.

Additional Topics

- Azure Functions
- Azure API Apps
- Azure API Management
- Azure Machine Learning
- Microsoft Cognitive Services

(if time permits)

SECURITY & MANAGEMENT

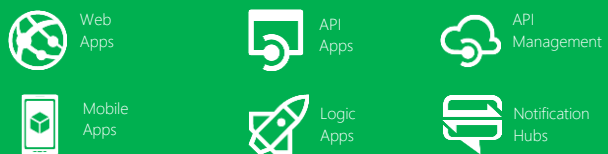


PLATFORM SERVICES

Compute



App Platform



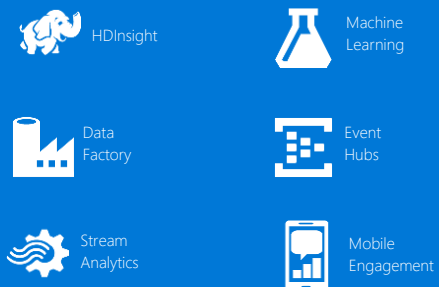
Developer Services



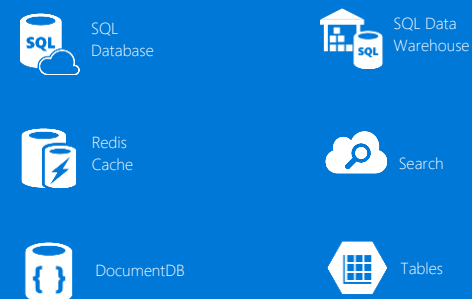
Integration



Analytics & IoT



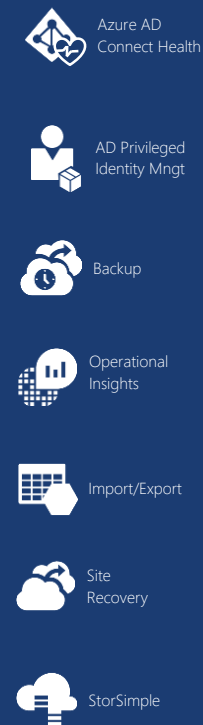
Data



Media & CDN



HYBRID OPERATIONS



INFRASTRUCTURE SERVICES

Compute



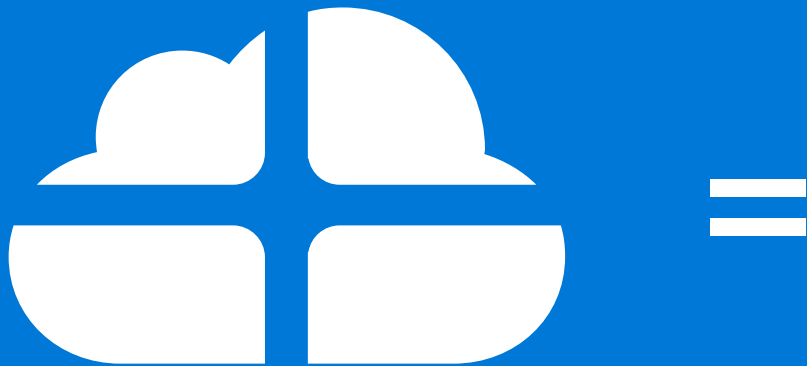
Storage



Networking



Azure App Service



Mobile Apps

Build mobile apps
for any device



LOGIC Apps

Automate business process
across SaaS and on-
premises



Web Apps

Web apps that scale
with your business



API Apps

Easily build and consume
APIs in the cloud



Functions

Listen and react to
events across your
stack

Azure Mobile Apps

Mobile SDKs

Windows
iOS
Android
HTML 5/JS

Xamarin
PhoneGap
Sencha



Offline sync



REST API

Data Sync



Data Connections



SQL



Tables



Mongo



O365



Salesforce



Dynamics



On-Premises

User Authentication



Facebook



Twitter



Microsoft



Google



Azure Active
Directory

Push Notifications



iOS OSX



Chrome



Android



Windows



Kindle



In-App

Backend Code

