About Joe Guadagno

@JGUADAGNO
JOSEPHGUADAGNONET
JOSEPHGUADAGNO

JJG.ME/ABOUTJJG
JJG.ME/GITHUB
JJG.ME/YOUTUBE

jguadagno@hotmail.com
Patterns
don't reinvent THE WHEEL
Layered
Multi-Tier or “Three Tiered”

Presentation Tier
- Mobile Application
- Web Application

Logic Tier
- Place Order
- Ship Order

Data Tier
- Database
- Storage
Model, View, *

- MODEL – VIEW – CONTROLLER (MVC)
- MODEL-VIEW-PRESENTER (MVP)
- MODEL-VIEW-VIEW MODEL (MVVM)
Event Driven

Event Sourcing
Publish/Subscribe
CQRS
COMMAND & QUERY RESPONSIBILITY
SEGREGATION
CQRS + Event Sourcing
Plug-In
Micro-Kernel
Service Oriented

SOA

Microservices

Acme Widgets

- Account Service
- Inventory Service
- Shipping Service
- Order Service
Common Microservice Pattern

- Ambassador
- Anti-corruption layer
- Backends for Frontends (BFF)
- Bulkhead
- Gateway Aggregation
- Gateway Offloading
- Gateway Routing
- Sidecar
- Strangler Fig
Serverless

The “Cloud”
Not on my PC
Toolbox
Q & A