Workshop Introduction

Who is Chad Green?

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▣ TaleLearnCode

🌐 ChadGreen.com

🐦 ChadGreen & TaleLearnCode

in ChadwickEGreen
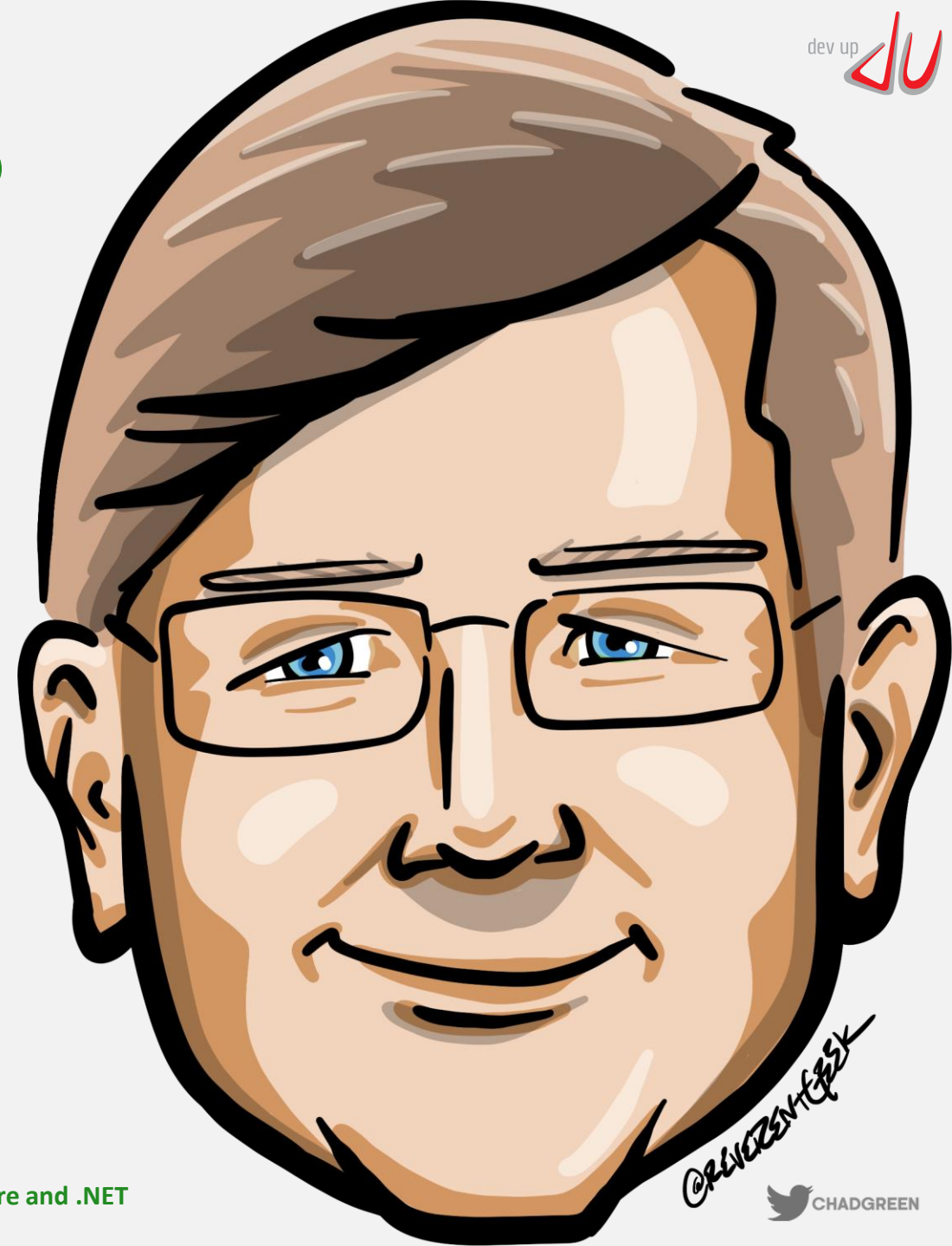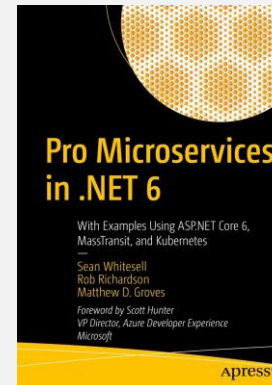
MVP Microsoft® Most Valuable Professional

Building Serverless Solutions with Azure and .NET

dev up

Thank you to our Sponsors!

Workshop Overview

Building Serverless Solutions with Azure and .NET

Agenda

- Introduction (5 minutes)
  - Welcome and Overview

Agenda

- Introduction (5 minutes)

- Prologue (1 hour 30 minutes)
  - Introduction to Microservices
  - Introduction to Event-Driven Architecture
  - Introduction to Serverless
  - Overview of Azure Serverless

Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)

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Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)
- Business Scenario (30 minutes)

Agenda

- Introduct
- Prologue
- Break (15
- Serverles
- Business
- Hands-On

Hands-On Labs
- Initialize Environment
- Get Next Core
- Mock Production Schedule Endpoint
- Get Next Core Handler
- Inventory Manager
- Send Messages to Service Bus from API Management
- Order Next Core
- Core in Transit
- Notification Manager

Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)
- Business Scenario (30 minutes)
- Hands-On Labs (3 hours)
- Additional Topics (45 minutes)
  - Serverless Security Best Practices
  - Monitoring and Troubleshoot Serverless Applications
  - Scaling and Performance Optimization

Agenda

- Introduction (5 minutes)
- Prologue (1 hour 30 minutes)
- Break (15 minutes)
- Serverless Design Patterns (40 minutes)
- Business Scenario (30 minutes)
- Hands-On Labs (3 hours)
- Additional Topics (45 minutes)
- Wrap-Up and Q&A (15 minutes)
  - Recap of the day
  - Open discussion and Q&A

Schedule

Segment	Duration	Start Time	End Time
Introduction	5 minutes	8:30	8:35
Prologue	1 hour 30 minutes	8:35	10:05
Morning Break	15 minutes	10:05	10:20
Serverless Design Patterns	40 minutes	10:20	11:00
Business Scenario	30 minutes	11:00	11:30
Initialize Lab Environment	30 minutes	11:30	12:00
Lunch	1 hour	12:00	13:00
Hands-On Lab	2 hours 30 minutes	13:00	15:30
Additional Topics	45 minutes	15:30	16:15
Wrap-Up and Q&A	15 minutes	16:15	16:30

Code of Conduct

- Respect and Inclusion

- Professional Behavior

- Confidentiality

- Collaborating and Listening

- Conflict Resolution

- Compliance with Laws and Policies

- Safety and Well-Being

- Feedback and Improvement