

# cloud native delivery for the enterprise



Hands-on experience with transforming a legacy enterprise application towards cloud native via modern delivery tools.





## containers

Gain an understanding of how to containerize an application and configure it to run on Kubernetes using tools such as Scaffold and Helm.



## continuous delivery

Build continuous delivery pipelines to automate the build, test, and deployment of your containerized application. Techniques such as ChatOps will be used to demonstrate a frictionless developer experience.



## microservices

Decompose a monolithic application into microservices and use tools such as Istio to build a service mesh.



## devops

Own the deployment and monitoring of your applications. Use techniques such as Canary Deployment and automated rollback to maintain quality while accelerating delivery.



*“We created the Ignite Lab to share our cloud native knowledge and enterprise transformation experience with the community to give them the confidence to start their own modernization efforts for their teams and the IT organization.”*



**Ravi Kalaga**  
Director of Consulting



**GET READY!** This is not a workshop to build a “hello world” application. You will be dealing with real challenges that enterprises face when applying cloud native architectures to legacy, monolithic applications. Prepare to be challenged during and highly motivated by the end of this workshop.

## who should attend?



### technology leaders

Our goal is to give leaders details into how these modern techniques look in practice so they can have the confidence to speak constructively with their engineering staff.



### engineers

We want to give engineers the knowledge and experience necessary to return to their employer with confidence to make the necessary recommendations and changes to accelerate their product delivery.



*“Enterprises already know that they need to adopt modern engineering practices to compete and grow market share. The challenge is understanding what this can really look like inside of the reality of enterprise complexity. We created Ignite Lab to give our customers a hands-on journey to modern, cloud native delivery solutions. No simplistic demos, no hello world examples, but true modern, cloud native delivery for the enterprise.”*



Casey Lee  
Director of Engineering  
AWS Container Hero



**Understand  
a Software  
Delivery  
Machine**

**Experience  
modern  
enterprise  
software  
delivery**

**Turn a  
monolith  
into a  
microservice**

**Build a  
continuous  
delivery  
pipeline**

LIMITED  
ONE-DAY  
EXPERIENCE

- 8:30a Breakfast
- 8:45a Kick Off & Icebreaker
- 9:00a Introduction and Background
- 10:00a **Containers**  
*Lab: Containerize an App*
- 11:00a **Continuous Delivery**  
*Lab: Build a CD Pipeline*
- 12:00p Lunch
- 1:00p **Microservices**  
*Lab: Decompose a Monolith*
- 2:00p **Deployment Strategy**  
*Lab: Canary Deployments*
- 3:00p **Observability**  
*Lab: Instrument & Troubleshoot*
- 4:00p Summary and Retro



## Ignite Lab Accelerated

AUG 19 **Dallas**  
DevOpsDays Dallas

SEPT 17 **Columbus**  
DevOpsDays Columbus

SEPT 4 **Pittsburgh**  
Community Event

OCT 27 **Las Vegas**  
DevOps Enterprise Summit