

DOCKER WORKSHOP

Gain hands-on experience in this one-day workshop.

*Docker is the latest in virtualization and cloud computing.
Equip your team to containerize workloads in Docker containers.*



Docker

Docker is an open-source technology that allows developers to easily deploy their applications in containers to run on operating systems. The key benefit of Docker is that it allows users to package an application with all of its dependencies into a standardized unit for software development. It enables developers to easily pack, ship, and run any application as a lightweight, portable, self-sufficient container, which can run virtually anywhere.

This one-day course provides developers the core foundation on Docker Container format and tooling. By the end of this course, developers will understand how to create, deploy, secure and manage the life-cycle of Docker containers. To solidify the concepts we will deploy a microservice-based Todo application, comprised of a ReactJS user interface, a Java Springboot API, NodeJS API and MongoDB database.

How Does It Work?

1. Plan: We will review the workshop course outline, schedule the training dates, and provide you with communications material needed to ensure your team is excited and properly prepared to learn.

2. Attend: One of our Lead Engineers will conduct the hands-on course material in your office with 5-15 attendees.

The topics covered include:

1. Installing Docker
2. Why Containers?
3. Docker architecture

4. Linux processes, cgroups and namespaces
5. Creating your first
6. Dockerfile Deep Dive
7. Strategies for building Docker images
 - Multi-stage builds
 - Builder Pattern
8. Considerations for creating small, lean Docker containers
9. Container registries
10. Docker Compose for multi-container applications and local development

11. Persistence
12. Docker security
13. CI/CD automation considerations with containers
14. Orchestrating complex container-based applications

Cost

The workshop is \$995 per person with a minimum of 5 participants.*

*Travel and accommodations where required is additional.

Benefits

Your team will experience hands-on, technical training on Docker. They will learn new skills to automate deployment, scale, and manage containerized applications.

Why Architech

Architech is a digital product studio and System Integrator. We design and deliver user-centred, cloud-native solutions, up to 87% faster. Using design thinking and agile engineering, we solve complex problems for our clients.

Since 2004, we've been designing and engineering resilient software. We've worked with hundreds of clients to drive digital transformation across diverse industries, and have built a range of highly available systems, processed millions of transactions, and given users a voice.

Architech is a Microsoft Gold Cloud Platform and a Silver Application Development partner.

Ask us how to book Architech's Docker Workshop!
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