

Exploring Azure Container Apps

Scaling Modern and Cloud-Native Apps and Microservices

Equip yourself with the knowledge and tools needed to harness the full potential of Azure Container Apps, Microsoft's cutting-edge platform for orchestrating and scaling containerized applications effortlessly.

Begin your journey with an introduction to Azure Container Apps (ACA), uncovering its unique features, benefits, and use cases. Further, you will dive into setting up and using Azure Container Registry (ACR) to efficiently store and manage container images, while mastering best practices for access control and security. You will also explore the intricacies along with comprehensive guides on deployment, scaling, and troubleshooting. You will learn how to integrate the Distributed Application Runtime (Dapr) with Azure Container Apps, explore best practices for seamless integration, and leverage its powerful building blocks for state management and pub/sub mechanisms. In conclusion, you will navigate the complexities of communication between microservices within Azure Container Apps environments, exploring various communication patterns and techniques.

After reading this book, you will be able to work with ACA and implement the modern application deployment and scaling with Azure Container Apps with KEDA.

What You Will Learn:

- Building and Deploying Backend API and Frontend UI to ACA
- Communication between different Microservices inside ACA
- Integration with Distributed Application Runtime (Dapr)
- State management inside ACA
- Scheduling and managing backend jobs
- Monitoring with Application insights
- Kubernetes Event Driven AutoScaler (KEDA)

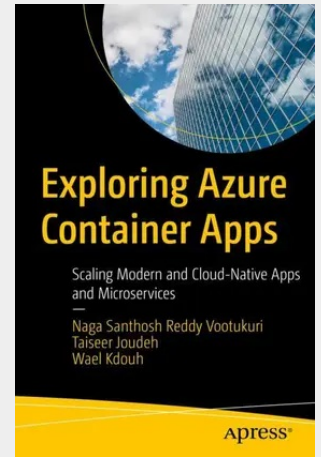
Who This Book is For:

Application developers, DevOps Engineers and Tech Enthusiasts

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