multisoft
Systems

DevOps & GitHub Foundations (AZ-2008) Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The DevOps & GitHub Foundations (AZ-2008) training offered by Multisoft Systems is designed to equip participants with the knowledge and skills necessary to implement and sustain effective DevOps practices using GitHub.

Module 1: Discover DevOps

- ✓ What is DevOps?
- ✓ Explore DevOps culture
- ✓ Explore DevOps goals and benefits
- ✓ Explore DevOps application lifecycle
- ✓ Knowledge check

Module 2: Plan with DevOps

- ✓ Foster DevOps culture
- ✓ What is Agile?
- ✓ Explore DevOps practices
- ✓ Plan with GitHub
- ✓ Agile plan and management using GitHub
- ✓ Knowledge check

Module 3: Develop with DevOps

- ✓ Explore source control and version control
- ✓ Explore version control using Git
- ✓ Explore GitHub flow
- ✓ Explore Continuous Integration
- ✓ Explore shift-left testing
- ✓ Explore shift-left security
- ✓ Implement flow of work with GitHub
- ✓ Knowledge check

Module 4: Deliver with DevOps

- ✓ Explore continuous delivery
- ✓ Explore Infrastructure as Code
- ✓ Explore progressive exposure techniques

- ✓ Explore continuous delivery with GitHub Actions
- ✓ Implement CI/CD with GitHub Actions and IaC with Bicep
- ✓ Knowledge check

Module 5: Operate with DevOps

- ✓ Explore operational excellence
- ✓ Explore shift-right testing
- ✓ Explore observability through performance monitoring
- ✓ Explore observability through security assessment
- ✓ Explore resiliency with site reliability engineering
- ✓ Improve developer experience with platform engineering
- ✓ Enhance workload resiliency Traffic Manager and Azure Chaos Studio
- ✓ Knowledge check