

Site Reliability Engineering Training

COURSE CONTENT

GET IN TOUCH



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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 Site Reliability Engineering (SRE) Training by Multisoft Systems is designed to equip IT professionals with the expertise needed to design, operate, and manage highly reliable and scalable systems. Combining principles of software engineering with operations, SRE focuses on creating resilient infrastructures that meet business demands for availability, efficiency, and performance.

Module 1: SRE Principles & Practices

- ✓ What is Site Reliability Engineering?
- ✓ SRE & DevOps: What is the Difference?
- ✓ SRE Principles & Practices

Module 2: Service Level Objectives & Error Budgets

- ✓ Service Level Objectives (SLOs)
- ✓ Error Budgets
- ✓ Error Budget Policies

Module 3: Reducing Toil

- ✓ What is Toil?
- ✓ Why is Toil Bad?
- ✓ Doing Something About Toil

Module 4: Monitoring & Service Level Indicators

- ✓ Service Level Indicators (SLIs)
- ✓ Monitoring
- ✓ Observability

Module 5: SRE Tools & Automation

- ✓ Automation Defined
- ✓ Automation Focus
- ✓ Hierarchy of Automation Types
- ✓ Secure Automation
- ✓ Automation Tools

Module 6: Anti-Fragility & Learning from Failure

- ✓ Why Learn from Failure
- ✓ Benefits of Anti-Fragility
- ✓ Shifting the Organizational Balance

Module 7: Organizational Impact of SRE

- ✓ Why Organizations Embrace SRE
- ✓ Patterns for SRE Adoption
- ✓ On-Call Necessities
- ✓ Blameless Post-Mortems
- ✓ SRE & Scale

Module 8: SRE, Other Frameworks & The Future

- ✓ SRE & Other Frameworks
- ✓ The Future