SRE Foundation Program

Days – 5 Days

Introduction

Site Reliability Engineering (SRE) is a discipline that incorporates aspects of software engineering and applies them to infrastructure and operations problems. SREs are responsible for building and maintaining scalable and reliable software systems.

The SRE Foundation Training Program is an introductory course that will teach you the fundamental principles and practices of SRE. The course covers topics such as:

- What is SRE and why is it important?
- SRE principles and practices
- Service Level Objectives (SLOs) and Error Budgets
- Monitoring and observability
- SRE tools and automation
- Anti-fragility and learning from failure
- Organizational impact of SRE

The course is designed for both beginners and experienced professionals who want to learn more about SRE. It is a hands-on course with exercises and labs that will help you apply what you learn to real-world scenarios.

Benefits of the SRE Foundation Training Program

There are many benefits to taking the SRE Foundation Training Program. Some of the key benefits include:

- Learn the fundamental principles and practices of SRE
- Gain the skills to build and maintain scalable and reliable software systems
- Improve your job prospects and earning potential
- Become a more valuable asset to your team and organization

Who should take the SRE Foundation Training Program?

The SRE Foundation Training Program is ideal for anyone who wants to learn more about SRE, including:

- Software engineers

- DevOps engineers

- System administrators

- IT operations professionals

- Anyone who wants to build and maintain reliable software systems

How to enroll in the SRE Foundation Training Program?

To enroll in the SRE Foundation Training Program, you can visit the website

(www.DevOpsSchool.com) and send an email to contact@devopsschoo.com. The course is typically offered online and in person.

Feature

The SRE Foundation Training Program is a great way to learn the fundamental principles and practices of SRE. The course is designed for both beginners and experienced professionals, and it offers a variety of benefits, including improved job prospects and earning potential. If you are interested in learning more about SRE, I encourage you to enroll in the SRE Foundation Training Program.

Agenda

Day#	Topics	Time
Day 1 - First Half	DevOps Concept	9:30 AM – 1:00 PM IST
Day 1- Second Half	SRE Concept	2:00 PM – 5:30 PM IST
Day 2 - First Half	Docker Fundamental	9:30 AM – 1:00 PM IST
Day 2- Second Half	Terraform Fundamental	2:00 PM – 5:30 PM IST
Day 3 - First Half	Ansible Fundamental	9:30 AM – 1:00 PM IST
Day 3- Second Half	Kubernetes Fundamental	2:00 PM – 5:30 PM IST
Day 4 - First Half	Github / GitOps / ArgoCd Fundamental	9:30 AM – 1:00 PM IST
Day 4- Second Half	Observability - Prometheus Fundamental	2:00 PM – 5:30 PM IST
Day 5 - First Half	Observability - ELK Fundamental	9:30 AM – 1:00 PM IST
Day 5- Second Half	Observability – Jaeger Fundamental	2:00 PM – 5:30 PM IST

Trainer Details

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Summary -

Total, Over 18 years of extensive experience working with more than 10 software development companies for software development & maintenance of production environments involved in continuous improvement and automating entire life cycle using latest devops tools and techniques from design and architecture, through implementation, deployment, and successful operations. Also, helping more than 200 software organizations & 30000 engineers globally, providing coaching, mentoring and consulting in DevOps, CICD, Cloud, containers, SRE, DevSecOps, microservices and operations.