Mindluster Platform

# About the course Cloud Operations for GKE for beginners

Cloud Operations for GKE course, in this course we will learn about Cloud Operations for GKE, focusing on how to effectively monitor, manage, and optimize Kubernetes clusters in Google Kubernetes Engine (GKE) using Google Cloud's suite of operations tools. Cloud Operations, formerly known as Stackdriver, provides a comprehensive set of services for logging, monitoring, alerting, and tracing, specifically tailored to ensure that your GKE deployments run smoothly and efficiently. The course covers key topics such as setting up monitoring for GKE clusters to track performance metrics like CPU usage, memory consumption, and network activity. You'll also learn how to use Cloud Logging to collect and analyze logs from your GKE containers, enabling you to troubleshoot issues and understand application behavior. Additionally, the course will teach you how to configure alerts to notify you of potential problems before they impact your applications, and how to use tracing to gain insights into the flow of requests across your microservices.

**Computer Science Category's Courses**

# Course Lesson(14)

Lesson 1 : **Deploying GKE Autopilot Clusters**

Lesson 2 : **Deploying GKE Autopilot Clusters from Cloud Shell**

Lesson 3 : **Exploring Cost optimization for GKE Virtual Machines GSP767**

Lesson 4 : **GKE Workload Optimization GSP769**

Lesson 5 : **GKE Workload Optimization GSP769**

Lesson 6 : **Managing a GKE Multi tenant Cluster with Namespaces GSP766**

Lesson 7 : **Understanding and Combining GKE Autoscaling Strategies GSP768**

Lesson 8 : **GKE Autopilot Qwik Start GSP957**

Lesson 9 : **GKE Backup and Restore GSP1110**

Lesson 10 : **Deploying Redis Enterprise for GKE and Serverless App on Anthos Bare Metal GSP938**

Lesson 11 : **Using Cloud Error Reporting to Remediate Workload Issues on GKE GSP939**

Lesson 12 : **Cloud Operations for GKE GSP497**

Lesson 13 : **Monitoring GKE with Datadog GSP1167**

Lesson 14 : **Google Cloud Fundamentals Getting Started with GKE**

# Related courses

**Linear Algebra for Computer Scientists**

**Insertion Sort**

**Bubble Sort**

**GCSE Computer Science**

## Random Access Memory

## Binary Trees

for Business Contact
business@mindluster.com