

 Why GCP in 2026?

- Cloud choice decides your DevOps future
- Many engineers still follow outdated paths
- GCP demand is growing with less competition
- By Day 10, you'll deploy a real app on GKE





What is Google Cloud Platform (GCP)?



- GCP is Google's global cloud infrastructure
- It powers YouTube, Search, Gmail, and Maps
- Built for scale, automation, and reliability
- Designed by engineers, for engineers





GCP Pricing Reality



- GCP offers \$300 free credits for beginners
- Many services come with an Always Free Tier
- Easy cost controls and budget alerts
- Safer and more beginner-friendly than other clouds





Why Companies Prefer GCP Over AWS & Azure



- Simpler cloud design, fewer moving parts
- Kubernetes-native platform (GKE is core)
- Better developer and DevOps experience
- Faster automation and cleaner workflows





Job Market Reality *The GCP Gap* ⚡



- Strong demand in startups and SaaS companies
- High demand for DevOps and SRE roles
- Fewer skilled GCP engineers available
- Low competition = higher salaries





Mindset Shift

Manual is Dead



- Manual setups do not scale
- Automation is mandatory, not optional
- Infrastructure should be reproducible
- GCP is built assuming automation by default





GCP DevOps Toolchain



- IAM for secure access control
- VPC for networking and isolation
- Cloud Build for CI pipelines
- Artifact Registry for container images
- GKE for Kubernetes workloads
- Monitoring for logs, metrics, and alerts





The SRE Connection *Google's Gift*



- Google runs systems at massive global scale
- Traditional operations could not handle this
- Google created Site Reliability Engineering (SRE)
- DevOps is a philosophy
- SRE is how Google implements DevOps in reality
- GCP is built on SRE principles by default





What This Course Will Do



- No copy-paste tutorials
- No outdated or insecure practices
- Real project from start to production
- Focus on industry-level DevOps workflows



A red and white bullseye target with a blue dart hitting the center.

Who Is This Course For?



- CS / IT students targeting DevOps jobs
- Developers moving into cloud engineering
- DevOps beginners choosing GCP
- AWS or Azure engineers cross-skilling

