APPLICATION DEVELOPMENT WITH CLOUD RUN

Course Code: 899004

This course introduces you to fundamentals, practices, capabilities and tools applicable to modern cloud-native application development using Google Cloud Run.

Through a combination of lectures, hands-on labs, and supplemental materials, you will learn how to design, implement, deploy, secure, manage, and scale applications on Google Cloud using Cloud Run.

What You'll Learn

Students will learn to,

- Gain detailed understanding of Cloud Run, Google Cloud's fully managed compute platform for deploying and scaling containerized applications quickly and securely.
- Write and migrate code your way using your favorite languages (Go, Python, Java, Ruby, Node.js, and more).
- Secure service to service communication based on service identities and grant applications only the permissions they need.
- Learn how to build highly available applications with low end-user latency, globally.
- Learn how to connect to, and persist data in the managed database offerings on Google Cloud.
- Understand how abstracting away all infrastructure management creates a simple developer experience.

Who Needs to Attend

Cloud developers, API developers, customers and partners

Prerequisites

To get the most from this course, participants should have:

- Familiarity with Linux commands and command line interface.
- Basic understanding of Google Cloud.
- Basic understanding of networking.
- Basic understanding of one or more programming languages like Go, Python,

Java, Ruby, or Node.js.
- Basic understanding of shell scripts, YAML, JSON, HTTP, and TLS.

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VIRTUAL CLASSROOM LIVE	$3,591 CAD	3 Day

Virtual Classroom Live Outline

- Introducing Application Development with Cloud Run
- Understanding Cloud Run
- Building Container Images
- Building Container Images
- Configuring Service Identity and Authorization
- Serving Requests
- Using Inbound and Outbound Access Control
- Persisting Data
- Implementing Service-to-Service Communication
- Orchestrating and Automating Serverless Workflows

Jun 30 - Jul 2, 2025 | 9:00 AM - 5:00 PM EDT

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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