Course Name	Google Cloud - Professional Cloud Architect
About the Course	Professional Cloud Architects enable organizations to leverage Google Cloud technologies. With a thorough understanding of cloud architecture and Google Cloud, they design, develop, and manage robust, secure, scalable, highly available, and dynamic solutions to drive business objectives
Key Skills You Will Learn	Design and plan a cloud solution architecture, Manage and provision the cloud solution infrastructure, Design for security and compliance, Analyze and optimize technical and business processes, Manage implementations of cloud architecture, Ensure solution and operations reliability
Course Pre-Requisite	There are no prerequisites of this course, but Google recommends that candidates have at least three years of industry experience, including one year of experience designing and managing cloud solutions on Google Cloud Platform (GCP
Target Audience	Solution Architects, Cloud Architects (GCP), System Engineers, DevOps Engineers, IT Managers, IT Consultants, System Administrators (with cloud aspirations)
Job prospects with this role	Cloud engineer, Cloud consultant, Solutions architect, Data engineer, DevOps engineer, Cloud administrator
Course Duration	~ 20 Hrs
Course Customisation	Not applicable
Certification	READYBELL Google Cloud - Professional Cloud Architect Certificate
Mode of Training	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner
Course Fees	Please contact us
Refund Policy	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds
Job Assistance	Will assist candidate in securing a suitable job
Contact	**READYBELL SOFTWARE SERVICES PVT. LIMITED** **AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091** **E-MAIL: contact@readybellsoftware.com** **PH: +91 - 9147708045/9674552097, +91 - 33-79642872**

CURRICULUM		
Topic	**Sub-Topic**	**Duration (Hrs)**
Google Cloud - Professional Cloud Architect	Module 1: Preparing for your Professional Cloud Architect Journey	20 Hrs
	Introduction to the Professional Cloud Architect Certification	
	Designing and Planning a Cloud Solution Architecture	
	Managing and Provisioning a Solution Infrastructure	
	Designing for Security and Compliance	
	Analyzing and Optimizing Technical and Business Processes	
	Managing Implementation and Ensuring Solution and Operations Reliability	
	Module 2: Google Cloud Fundamentals: Core Infrastructure	
	Introduction	
	Introducing Google Cloud	
	Resources and Access in the Cloud	
	Virtual Machines and Networks in the Cloud	
	Storage in the Cloud	
	Containers in the Cloud	
	Applications in the Cloud	
	Prompt Engineering	
	Module 3: Essential Google Cloud Infrastructure: Foundation	
	Introduction	
	Interacting with Google Cloud	
	Virtual Networks	
	Virtual Machines	
	Module 4: Essential Google Cloud Infrastructure: Core Services	
	Introduction	
	Identity and Access Management (IAM)	
	Storage and Database Services	
	Resource Management	
	Resource Monitoring	
	Module 5: Elastic Google Cloud Infrastructure: Scaling and Automation	
	Introduction	
	Interconnecting Networks	
	Load Balancing and Autoscaling	
	Infrastructure Automation	
	Managed Services	
	Module 6: Getting Started with Google Kubernetes Engine	
	Course Introduction	
	Introduction to Google Cloud	
	Introduction to Containers and Kubernetes	

	Kubernetes Architecture	
	Kubernetes Operations	
	Module 7: Logging and Monitoring in Google Cloud	
	Introduction	
	Introduction to Google Cloud Observability	
	Monitoring Critical Systems	
	Alerting Policies	
	Advanced Logging and Analysis	
	Working with Audit Logs	
	Module 8: Observability in Google Cloud	
	Introduction	
	Configuring Google Cloud Services for Observability	
	Monitoring Google Cloud Network	
	Investigating Application Performance Issues	
	Optimizing the Costs for Google Cloud Observability	
To register for this course please e-mail/call us		