

BA24/GRAD/XXIV-07/C009D4KY0815

Certificate of Completion

is proudly presented to

Zico Marchellino Sinaga

7657253 - Universitas Gunadarma

for successfully completing **Bangkit, specializing in Cloud Computing.**

Bangkit is a Google-led academy designed to produce high-caliber technical talent for world-class Indonesian technology companies and startups.

Program Period : February 16, 2024 - June 30, 2024

July 10, 2024

Dora S.

Dora Songco

Product Marketing Manager
Google Indonesia

STUDENT LEARNING ACHIEVEMENT

Bangkit ID : C009D4KY0815
Name : Zico Marchellino
University : Universitas Gunadarma

Bangkit Completion : Full Graduate
Learning Path : Cloud Computing
Capstone Status : Finished

No	Courses/Specialization/Activities	Learning Outcomes	Hours	Score (0-100)	Score Description
1	Google IT Support	By the end of the course, the student will be able to comprehend the basics of technology and modern network protocols, the overview of the cloud, practical applications, and network troubleshooting.	52	88.9	The student is adept at comprehending the basics of technology and modern network protocols, the overview of the cloud, practical applications, and network troubleshooting.
2	Google Cloud Engineer Learning Path	By the end of the course, the student will be able to comprehend and operate the essential technology of Google Cloud to become a Cloud Engineer.	157	94	The student can grasp and operate the essential technology of Google Cloud to become a Cloud Engineer.
3	Web Programming Basic	By the end of the course, the student will be able to develop a simple website using programming code that conforms to global standards.	45	87.5	The student competently develops a simple website using programming code that conforms to global standards.
4	JavaScript Basic	By the end of the course, the student will be able to develop programs with JavaScript using Node.js and Text Editors, namely Visual Studio Code.	45	87.5	The student is skilled in developing programs with JavaScript using Node.js and Text Editors, namely Visual Studio Code.
5	Application Development with Cloud Run	By the end of the course, the student will be able to grasp the fundamentals, practices, capabilities, and tools applicable to developing modern cloud-native applications using Google Cloud Run.	11	94	Students can grasp the fundamentals, practices, capabilities, and tools applicable to developing modern cloud-native applications using Google Cloud Run.
6	Intro to Back-End Development using Google Cloud	By the end of the course, the student will be able to build simple RESTful APIs independently to support the functionality of an application.	45	94	The student is skilled in independently building simple RESTful APIs to support the functionality of an application.
7	Becoming a Google Cloud Engineer	By the end of the course, the student will be able to comprehend the cloud concepts and terminology along with the various services on the Google Cloud Platform.	42	87.5	The student is proficient in understanding cloud concepts and terminology and the various services on the Google Cloud Platform.
8	Introduction to AI	By the end of the course, the student will be able to identify, understand, and analyze various fundamental concepts in AI.	10	90.8	The student is proficient in identifying, understanding, and analyzing various fundamental concepts in AI.
9	Google Cloud Computing Foundations	By the end of the course, the student will be able to apply basic DevOps skills.	43	94	The student is adept at applying basic DevOps skills.
10	Applied Machine Learning for Cloud Engineer	By the end of the course, the student will be able to design and build machine learning applications and deploy them using Google Cloud.	40	87.5	Students are skilled in designing and building machine learning applications and deploying them using Google Cloud.
11	Preparing for Associate Cloud Engineer Certification	By the end of the course, the student will be able to comprehend the exam area and learn the Google-recommended references needed to pursue the exam.	33	90.1	The student is adept at comprehending the exam area and studying the Google-recommended references needed to pursue the exam.
12	Capstone / Final Project	By the end of the course, the student will be able to begin stages of a final project, namely developing an application/solution that validates their product development skills and boosts the portfolio.	200	92.2	The student is competent to begin stages of a final project, namely developing an application/solution that validates their product development skills and boosts the portfolio.
13	Soft skill & Career Development	By the end of the course, the student will be able to comprehend Life Path, Growth Mindset, The Power of Feedback, Time Management, Critical Thinking, Problem Solving, Adaptability, Resilience, Project Management, Professional Communication, Networking, Digital Branding, and Interview Communication.	242	88.1	The student thoroughly comprehends Life Path, Growth Mindset, The Power of Feedback, Time Management, Critical Thinking, Problem Solving, Adaptability, Resilience, Project Management, Professional Communication, Networking, Digital Branding, and Interview Communication.

This is Bangkit-system-generated certificate and valid without signature