



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI



BA23/GRAD/XXIII-07/C172DSX2370

Certificate of Completion

is proudly presented to

Isa Tarmana Mustopa

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.

July 27, 2023

Dora S.

Dora Songco

Product Marketing Manager
Google Indonesia



STUDENT LEARNING ACHIEVEMENT

Bangkit ID : C172DSX2370
Name : Isa Tarmana Mustopa
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	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	93	The student is skilled in developing programs with JavaScript using Node.js and Text Editors, namely Visual Studio Code.
2	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.	41	93	The student competently develops a simple website using programming code that conforms to global standards.
3	Intro to Back-End Development using Google Cloud	By the end of the course, the student will be able to build a simple RESTful APIs independently to support the functionality of an application.	45	89	The student is skilled in building simple RESTful APIs independently to support the functionality of an application.
4	Google Cloud Computing Foundations	By the end of the course, the student will be able to apply basic DevOps skills.	43	93	The student is adept at applying basic DevOps skills.
5	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.	134	93	The student is knowledgeable to grasp and operate the essential technology of Google Cloud to become a Cloud Engineer.
6	Google Cloud Skills Boost Quests	By the end of the course, the student will be able to apply basic DevOps and machine learning dataset skills.	28	93	The student is proficient in applying basic DevOps and machine learning dataset skills.
7	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.	30	93	The student is adept at comprehending the basics of technology and modern network protocols, the overview of the cloud, practical applications, and network troubleshooting.
8	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	93	The student is proficient in understanding the cloud concepts and terminology along with the various services on the Google Cloud Platform.
9	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.	60	98	The student is adept at comprehending the exam area and studying the Google-recommended references needed to pursue the exam.
10	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 which validates their product development skills and boosts the portfolio.	200	90	The student is competent to begin stages of a final project, namely developing an application/solution which validates their product development skills and boosts the portfolio.
11	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	236	91	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