

Generated : 1 July 2024

Bangkit ID : A012D4KY3411  
 Name : Idlofi Zahir Rajaba  
 University : Universitas Telkom  
 NIM : 1301213407  
 Supervisor : Dr. Hilal H. Nuha

Transcript Status : Final  
 Bangkit Completion : Full Graduate  
 Learning Path : Mobile Development  
 Capstone Team : C241-PS261  
 Capstone Status : Finished

Courses/Specialization/Activities	Course Codes	Hours	Suggested SKS	Score (0-100)	Score (A-E)
Memulai Pemrograman dengan Kotlin	B24MDDC01	50	1	85.3	A
Belajar Membuat Aplikasi Android untuk Pemula	B24MDDC06	60	1	87.2	A
Belajar Fundamental Aplikasi Android	B24MDDC02	140	3	82.0	B
Belajar Pengembangan Aplikasi Android Intermediate	B24MDDC04	150	3	85.3	A
Belajar Prinsip Pemrograman SOLID	B24MDDC03	15	2	86.6	A
Belajar Dasar AI	B24MDDC08	10		85.3	A
Belajar Penerapan Machine Learning untuk Andorid Developer	B24MDDC09	60		85.3	A
Capstone / Final Project	B24CAPP01	200	5	91.0	A
Soft skill & Career Development	B24SSCE01	242	5	87.9	A
<b>Total (Hours, SKS) / Average (Score)</b>		<b>927</b>	<b>20</b>	<b>87.02</b>	<b>A</b>

Student's Attendance (Mandatory Meeting) 100.00%  
 Student's Attendance (All Meeting) 100.00%

1. This is Bangkit-system-generated transcript and valid without signature
2. This Transcript acts as a recommendation. Final Decision on conversion is strictly Academic Counselor / Study Programme Prerogative.

## Grade conversion:

**A** : 85 - 100 | **B** : 75 - 84 | **C** : 60 - 74 | **D** : 50 - 59 | **E** : 0 - 49



VOKASI  
KUAT MEMUATKAN  
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MSIA  
Meningkatkan Standar Internasional  
Akademik Indonesia

Kampus  
Merdeka  
INDONESIA JAYA

# SERTIFIKAT KEPESERTAAN

diberikan oleh **Pelaksana Pusat Kampus Merdeka** kepada

**IDLOFI ZAHIR RAJABA**

NIM: 1301213407 / ID KEGIATAN: 9232762

atas partisipasinya sebagai peserta dan telah menyelesaikan kewajibannya dalam program

**Studi Independen Bersertifikat Angkatan 6**

di  
**Dicoding Indonesia**

Ketua Pelaksana Kampus Merdeka



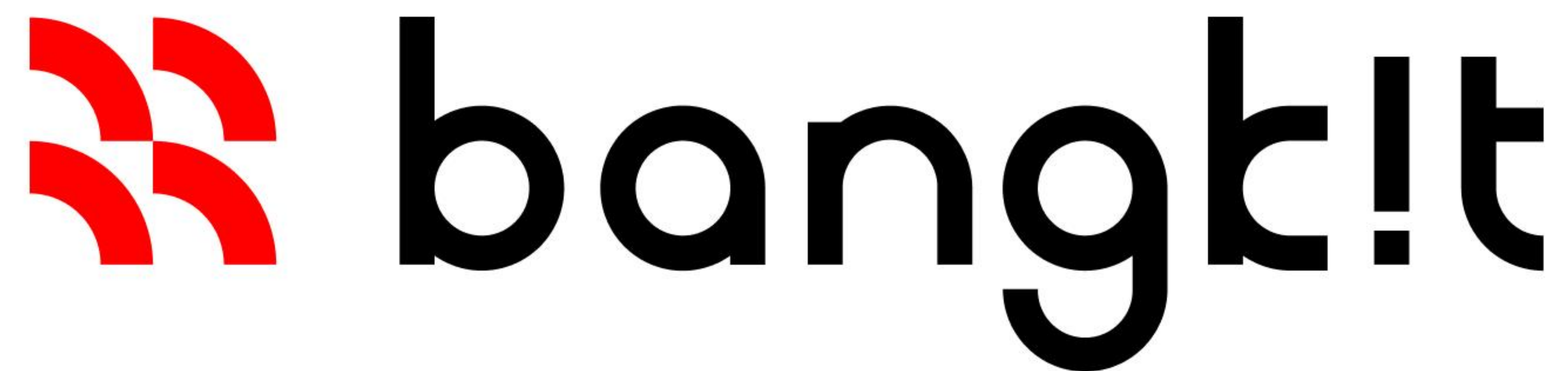
Drs. Gugup Kismono, M.B.A., Ph.D.  
NIP 19637051989111001







KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,  
RISET, DAN TEKNOLOGI



BA24/GRAD/XXIV-07/A012D4KY3411

## Certificate of Completion

is proudly presented to

# Idlofi Zahir Rajaba

9232762 - Universitas Telkom

for successfully completing **Bangkit, specializing in Mobile Development.**

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 : A012D4KY3411  
Name : Idlofi Zahir Rajaba  
University : Universitas Telkom

Bangkit Completion : Full Graduate  
Learning Path : Mobile Development  
Capstone Status : Finished

No	Courses/Specialization/Activities	Learning Outcome	Hours	Score (0-100)	Score Description
1	Basic Kotlin	By the end of the course, the student will be able to comprehend the basic concepts of programming languages, functional programming, and object-oriented programming (OOP) using Kotlin.	50	85.3	The student well comprehends the basic concepts of programming languages, functional programming, and object-oriented programming (OOP) using Kotlin.
2	Beginner Android	By the end of the course, the student will be able to build an Android application that displays lists and detailed data.	60	87.2	The student is skilled in building Android applications that display lists and detailed data.
3	Android Fundamental	By the end of the course, the student will be able to build applications that allow data to be fetched from Web API and stored locally.	140	82	The student is proficient in building applications that allow data to be fetched from Web API and stored locally.
4	Intermediate Android	By the end of the course, the student will be able to build an application by implementing various existing components, such as UI, Animation, Localization, Background Process, Media, Sensor, Location, Database, Testing, Firebase, and Jetpack Compose.	150	85.3	The student is adept at building an application by implementing various existing components, such as UI, Animation, Localization, Background Process, Media, Sensor, Location, Database, Testing, Firebase, and Jetpack Compose.
5	SOLID Paradigm	By the end of the course, the student will be able to apply the basic concepts of OOP and their relationships to solve problems in software design using 5 SOLID principles.	15	86.6	The student is proficient in applying the basic concepts of OOP and their relationships to solve problems in software design using 5 SOLID principles.
6	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	85.3	The student is proficient in identifying, understanding, and analyzing various fundamental concepts in AI.
7	Applied Machine Learning for Android Developer	By the end of the course, the student will be able to develop Android applications that implement local machine learning to classify images using the camera.	60	85.3	Students are qualified to efficiently develop Android applications that implement local Machine Learning to classify images using the camera.
8	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	91	The student can begin stages of a final project, namely developing an application/solution that validates their product development skills and boosts the portfolio.
9	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	87.9	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





Jakarta, July 10th, 2024

**To whom it may concern**

This letter is to certify that the following student has successfully participated in Bangkit 2024 Batch 1, and therefore **Graduated** from Bangkit 2024, a Google-led program in collaboration with GoTo, Tokopedia, and Traveloka in **Mobile Development (Android)** learning path:

Name	: Idlofi Zahir Rajaba
Student ID (Origin University)	: 1301213407
University	: Universitas Telkom
Study Program	: Informatika
Supervisor	: Dr. Hilal H. Nuha
Bangkit ID	: A012D4KY3411
Program Period	: 16 February 2024 - 30 June 2024

Bangkit is an approved Kampus Merdeka - Study Independent program fully supported by the Ministry of Education, Culture, Research, and Technology - Republic of Indonesia. This industry-led, interdisciplinary, and immersive program is designed to produce high-caliber technical talents for world-class Indonesian technology companies and startups.

In this even semester 4,650 students from 327 universities across Indonesia were selected from more than 57,000 registrants to join Bangkit. They learned to improve their technical skills, soft skills, and English competencies to help them get better employability in their future careers in the technology industry.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mutiara', written over the Bangkit logo.

**Mutiara Arumsari**

Bangkit ID Program Manager