

BA24/GRAD/XXIV-01/A225B4KY2734

## Certificate of Completion

is proudly presented to

# Muhammad Arda' Zainurrohman

9606465/32602200098 - Universitas Islam Sultan Agung

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 : September 6, 2024 - December 31, 2024

January 10, 2025

*Dora S.*

**Dora Songco**

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Product Marketing Manager  
Google Indonesia



## STUDENT LEARNING ACHIEVEMENT

Bangkit ID : A225B4KY2734  
Name : Muhammad Arda' Zainurrohim  
University : Universitas Islam Sultan Agung

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    | 86.5          | 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    | 86.5          | 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   | 87.8          | 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   | 91            | 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  | 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    | 81.3          | The student is proficient in identifying, understanding, and analyzing various fundamental concepts in AI.   |
| 6  | 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    | 91            | Students are qualified to efficiently develop Android applications that implement local Machine Learning to classify images using the camera.  |
| 7  | 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.   | 212   | 91.6          | The student can begin stages of a final project, namely developing an application/solution that validates their product development skills and boosts the portfolio.   |
| 8  | 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 Branding and Interview Communication. | 230   | 79.6          | The student thoroughly comprehends Life Path, Growth Mindset, The Power of Feedback, Time Management, Critical Thinking, Problem Solving, Adaptability, Resilience, Project Management, Professional Branding and Interview Communication. |

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