



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,  
RISET, DAN TEKNOLOGI



BA23/GRAD/XXIV-01/A211BSY2595

## Certificate of Completion

is proudly presented to

# Ngatour Rohman

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.

January 19, 2024

*Dora S.*

**Dora Songco**

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Product Marketing Manager  
Google Indonesia





## STUDENT LEARNING ACHIEVEMENT

Bangkit ID : A211BSY2595  
Name : Ngatour Rohman  
University : Universitas Indraprasta PGRI

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	88.3	The student well comprehends the basic concepts of programming languages, functional programming, and object-oriented programming (OOP) using Kotlin.
2	Basic Android	By the end of the course, the student will be able to build an Android applications that display lists and detailed data.	60	88.3	The student is skilled in building Android applications that display lists and detailed data.
3	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	90.3	The student is proficient in applying the basic concepts of OOP and their relationships to solve problems in software design using 5 SOLID principles.
4	Android Fundamental	By the end of the course, the student will be able to build applications that allow fetching data from Web API and storing data locally.	140	92.9	The student is proficient in building applications that allow fetching data from Web API and storing data locally.
5	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.	100	88.3	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.
6	Android Compose	By the end of the course, the student will be able to design the application interface using Jetpack Compose.	50	88.3	The student is skilled in designing the application interface using Jetpack Compose.
7	Associate Android Developer Preparation	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.	40	92.9	The student is adept at comprehending the exam area and studying the Google-recommended references needed to pursue the exam.
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 which validates their product development skills and boosts the portfolio.	200	76.7	The student is sufficiently able to begin stages of a final project, namely developing an application/solution which 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	249	84.6	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