



# SERTIFIKAT

Diberikan kepada

**Rea Ramada Jayandanu**

Atas partisipasi sebagai

**Peserta**

Tema Pelatihan

**Internet of Things**

**Program Fresh Graduate Academy  
Digital Talent Scholarship Tahun 2019**

Jakarta, 31 Agustus 2019



**Dr. Ir. Basuki Yusuf Iskandar, MA**

Kepala Balitbang SDM Kementerian Komunikasi dan Informatika



# DIGITAL TALENT SCHOLARSHIP TAHUN 2019



## Program Fresh Graduate Academy Tema Pelatihan : **Internet of Things**

1. Pengantar Internet of Things: Sejarah, Trend, Revolusi Industri 4.0 dan Potensi Internet of Things
2. Pengantar Internet of Things: Arsitektur dan Infrastruktur Internet of Things dan contoh Use Case Internet of Things
3. AWS Cloud Introduction
4. AWS Core Services
5. AWS Integrated Services
6. AWS Architecture
7. AWS Security
8. Mid Test Evaluation
9. Dasar Elektronika
10. Mikrokontroler 1
11. Mikrokontroler 2
12. Sensor
13. Aktuator
14. Internet of Things node 1
15. Internet of Things node 2
16. PAN - Zigbee, BLE
17. LAN - WiFi
18. LPWAN - LoRa, NB-Internet of Things
19. Python Programming for Gateway
20. HTTP
21. MQTT
22. REST API
23. Handling Data, Data Acquisition, Data Aggregation, Data Transmission, Data Compression
24. Data Storage: Database  
MySQL/Postgres/MongoDB/MariaDB  
(Part 1)
25. Data Storage: Database  
MySQL/Postgres/MongoDB/MariaDB  
(Part 2)
26. Data Processing
27. Data Visualization
28. Asset and Device Management
29. Case Study: AWS (part 1)
30. Case Study: AWS (part 2)
31. Open Internet of Things Platform 1
32. Open Internet of Things Platform 2
33. Use Case Project
34. Use Case Project
35. Use Case Project
36. Final Test Evaluation

## Mata Pelatihan Tambahan

### I. Pengembangan *Soft Skills*

1. Pengenalan *Soft Skills*
2. Perencanaan Karir
3. Persiapan Melamar Pekerjaan
4. *Soft Skills* yang Dibutuhkan

### II. Kewirausahaan *Digital*

1. Pengantar Kewirausahaan *Digital*
2. Memulai Kewirausahaan *Digital*
3. Mengelola Usaha *Digital*
4. *Best Practices* Kewirausahaan *Digital*