

Muhammad Avi Majid Kaaffah

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Passionate and motivated individual to embark a career in IT, equipped with basic knowledge of network infrastructure, cloud computing, IT security, and wireless communications. Hold key industry certifications, including AWS Certified Solutions Architect - Associate (SAA), AWS Certified Cloud Practitioner (CCP), MikroTik Certified Network Associate (MTCNA), and Cisco Certified Network Associate (CCNA), which highlights my commitment to master critical technologies. With a strong desire to learn and grow, and excited to gain hands-on experience and contribute to innovative projects in a dynamic organization.

EDUCATION

Institut Teknologi Bandung

Bandung, Indonesia

Master of Science in Electrical Engineering

Aug. 2020 – Jan. 2023

- GPA: 3.59/4.0
- Conference Publication: Power Allocation Effect on Capacity of Single Carrier Power Domain Non-Orthogonal Multiple Access (NOMA), 7th International Conference on Wireless and Telematics (ICWT) 2021. DOI: 10.1109/ICWT52862.2021.9678492
- Thesis involved: Auxiliary Signal SCMA System for Downlink Transmission In 5G And Beyond Wireless Communication Network.

Universitas Diponegoro

Semarang, Indonesia

Bachelor of Engineering (Electrical Engineering)

Sept. 2015 – Des. 2019

- GPA: 3.31/4.0
- Journal Publication: Shirt Classification System with Support Vector Machine (SVM) Method, Transient: Jurnal Ilmiah Teknik Elektro, vol. 1, no. 1, pp. 17-25, Jan. 2021. DOI:10.14710/transient.1.1.%p
- Thesis involved: Shirt Classification System with Support Vector Machine (SVM) Method.

EXPERIENCE

IT Support

Jakarta, Indonesia

PT. Accord Innovations Indonesia - PT. Jasa Teknologi Informasi (IBM-JTI)

Nov. 2023 – Feb. 2024

- Collaborated with IBM's IT operations support L1 team during 1-month project to monitor and report on the IT infrastructure used for CRM application used by Indosat Ooredoo Hutchison (IOH). Proactively identified and escalated 20 incidental problems to the L2 team, contributing to the ongoing stability and performance of the system.
- Collaborated with IBM's IT operations support L2 team to monitor the CIAM service for Bank Mandiri, ensuring 100% system uptime over a 2-month period. Actively participated in escalation processes for critical issues, maintaining communication with the L3 team and end-users.

Techcamp 2nd class of 2023

Jakarta, Indonesia

PT. Jasa Teknologi Informasi (IBM-JTI)

Jul. – Sep. 2023

- Selected as one of 25 participants from over 200 applicants in a competitive bootcamp focused on fundamental IT skills that are used in industry.
- Completed training in 8 key areas of IT, including:
 1. Professional career preparation and soft skills or power skills.
 2. Modern App Development using MEAN stack and DevOps.
 3. Data and AI including data knowledge, AI knowledge, and Python for data analytics.
 4. Hybrid Cloud including Container, Docker, Kubernetes, and OpenShift.
 5. IT Infrastructure including knowledge about servers, storage, and networks.
 6. Cybersecurity including knowledge about Ethical Hacks, SIEM, IAM, CIA.
 7. IT Service Management including knowledge about ITIL certification.
 8. Project Management including knowledge about waterfall and agile method.
- Collaborated with a team of 5 to design a proposal for an Android app-based learning platform to help students choose the right college majors. Conducted a survey of over 100 university students, revealing that 80% felt they were in the wrong major. Developed the app's content and UI/UX design, created a hosting plan on AWS Cloud, conducted a SWOT analysis, and calculated the break-even point for a subscription model of 3 years.
- Achieved certification as one of only 12 out of 25 participants who successfully completed and passed the program, demonstrating commitment and proficiency in the skills learned.

Quality Assurance Internship

PT. Telekomunikasi Indonesia, Divisi Digital Service (DDS)

Bandung, Indonesia

Jul. – Sept. 2018

- Conducted Quality Assurance (QA) testing on 4 telecommunication devices, including routers, access points, and Bluetooth speakers, utilizing industry-standard testing tools to ensure optimal performance and reliability.

CERTIFICATIONS

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| Cisco Certified Network Associate (CCNA) | Dec. 2024 – Dec. 2027 |
| MikroTik Certified Network Associate (MTCNA) | Nov. 2024 – Nov. 2027 |
| AWS Solutions Architect Associate | Oct. 2024 – Oct. 2027 |
| AWS Certified Cloud Practitioner | Dec. 2023 – Dec. 2026 |

<https://www.credly.com/users/muhammad-avi-majid-kaaffah>

COURSE COMPLETIONS

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| CCNA Network Engineer Digitalent Scholarship 2024 Pusbang Proserti | Jun. 2024 |
| CCNAv7: Enterprise Networking, Security, and Automation Cisco Networking Academy | Jun. 2024 |
| CCNAv7: Switching, Routing, and Wireless Essentials Cisco Networking Academy | May. 2024 |
| CCNAv7: Introduction to Networks Cisco Networking Academy | May. 2024 |
| AWS SAA-C03 Udemy | April. 2024 |
| Networking Devices and Initial Configuration Cisco Networking Academy | Sept. 2023 |
| Networking Basics Cisco Networking Academy | Mar. 2023 |

SKILLS

Technical

AWS | Linux | IT Network | MikroTik | Cisco | Microsoft Office (Excel & PowerPoint)

Scripting Language

Python | Bash

Language

Bahasa Indonesia (native) | English (working proficiency, TOEFL score: 573)