

MUHAMAD AGUNG GUMELAR

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I am a fresh graduate with a Bachelor's degree in Electrical Engineering from the Indonesian University of Education (UPI), specializing in Telecommunication Engineering. My experience includes active involvement in the Electrical Student Association (HME FPTK UPI), where I managed programs such as Industrial Visits, Infographic and Electrical Training, and Telecommunication Workshops. I have also participated in the Digital Talent Scholarship program from the Ministry of Communication and Information (Kominfo) and the Indonesian Dicoding Training. Additionally, I have experience as a Software Research and Development Intern at PT Sergie Indo Prima Bandung. I am enthusiastic about continuing to learn and develop in the field of information technology and telecommunication and am ready to contribute to a dynamic and innovative work environment.

Education Levels

Universitas Pendidikan Indonesia – Bandung	June 2018 – August 2023
<i>Bachelor Degree of Electrical Engineering , 3.57/4.00</i>	
Bachelor Thesis: Lung Disease Detection System Using Thorax X-Ray Image With Convolutional Neural Network (CNN) Algorithm And Web Application Based On Deep Hybrid Learning (DHL)	

Work Experiences

PT. Metrodata Electronics Tbk – Jakarta	September 2023 - November 2023
<i>Metrodata Coding Camp: Fullstack Developer</i>	
<ul style="list-style-type: none">Developed a web application using SQL Database, C# and JavascriptLearned about Database Connectivity, Fundamental Programming, Object Oriented Programming, Model View Controller (MVC), Object Relational Mapping (ORM), System Architecture, Versioning, Framework, Representational State Transfer, Web Design and Consume API.Used technologies such as SQL Server, Asp.Net, Swagger API, Bootstrap, Ajax JQueryCollaborated with a team on a final project to build a Reimbursement Web Application	
PT. Syergie Indo Prima – Bandung	September 2021 - December 2021
<i>Software Research and Development Intern</i>	
Create a Graphical User Interface (GUI) program to monitor and detect underwater cable leaks based on the OpenCV desktop application and the MQTT protocol:	
<ul style="list-style-type: none">Created a Graphical User Interface (GUI) using the Python programming languageSuccessfully displays sensor data from Remotely Operated Underwater (ROV)Integrated ROV sensor data into GUI and IP Camera	

Training Experiences

Azure AI Engineer – Batch 1 Digital Talent Scholarship 2024	February 2024 – March 2024
- Kementrian Komunikasi dan Informatika Republik Indonesia	
Lintasarta Cloudeka Digischool 2023	December 2023 – March 2024
Indosat Ooredoo Hutchison Digital Camp 2023	November 2023 – February 2024
Coding Camp: Full-Stack Developer Digital Talent Scholarship 2023	September 2023 – November 2023
- Kementrian Komunikasi dan Informatika Republik Indonesia	
Pelatihan Azure for Beginner: Azure Fundamentals, Data Fundamentals, AI Fundamentals	July 2023 – August 2023

Digital Talent Scholarship 2023 - Kementerian Komunikasi dan Informatika Republik Indonesia	
Baparekraf Digital Talent (BDT) 2023	March 2023 – June 2023
DevOps and Back-End Developer Scholarship Program	October 2022 – March 2023
Pelatihan Big Data using Python Fresh Graduate Academy Digital Talent Scholarship 2022 - Kementerian Komunikasi dan Informatika Republik Indonesia	July 2022 – August 2022
Indosat Ooredoo Hutchison Digital Camp 2022	June 2022 – September 2022

Organization Experiences

Himpunan Mahasiswa Elektro (HME FPTK UPI)	September 2019 - April 2020
<i>Staff of Electrical Engineering Development</i>	
Joined the Indonesian University of Education Electrical Student Association (HME FPTK UPI) organization as staff in the field of Electrical Engineering Development, Telecommunications Development sub-division	
<ul style="list-style-type: none"> Served as Master of Ceremony (MC) at the Infographic and Electricity Training event. Coordinated with campus departments to prepare venues for the Concentration Socialization work program. Created posters and banners for the Telecommunication Workshop work program. Provide fiber optic cables and equipment for the Telecommunication Workshop work program. Managed logistics for participants in various work programs, including nametags and consumption. 	

Certificates ©

Microsoft Certified: Azure AI Engineer Associate ↗	March 2024 – March 2025
Dicoding Indonesia: Belajar Pengembangan Machine Learning ↗	February 2024 – February 2027
Dicoding Indonesia: Belajar Membangun Arsitektur Microservices ↗	December 2023 - December 2026
Dicoding Indonesia: Belajar Membuat Aplikasi Web dengan React ↗	November 2023 - November 2026
Microsoft Certified: Azure Fundamentals ↗	October 2023 - Present
Microsoft Certified: Azure Data Fundamentals ↗	October 2023 - Present
Microsoft Certified: Azure AI Fundamentals ↗	October 2023 - Present
Dicoding Indonesia: Belajar Implementasi CI/CD ↗	September 2023 - September 2026
Dicoding Indonesia: Menjadi Linux System Administrator ↗	August 2023 - August 2026

Skills

Technical Skills:	<ul style="list-style-type: none"> Database Design
<ul style="list-style-type: none"> Python JavaScript C# Artificial Intelligence (AI) Machine Learning Web Development Software Development Internet of Things (IoT) Network Administration 	Soft Skills:
	<ul style="list-style-type: none"> Teamwork Communication Empathy Problem Solving Critical Thinking Leadership Emotional Intelligence

Languages

<ul style="list-style-type: none"> Indonesian (Fluent) 	<ul style="list-style-type: none"> English (Beginner)
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