

# 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

<b>Universitas Pendidikan Indonesia – Bandung</b>	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

<b>PT. Metrodata Electronics Tbk – Jakarta</b>	September 2023 - November 2023
<i>Metrodata Coding Camp: Fullstack Developer</i>	
<ul style="list-style-type: none"><li>Developed a web application using SQL Database, C# and Javascript</li><li>Learned 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.</li><li>Used technologies such as SQL Server, Asp.Net, Swagger API, Bootstrap, Ajax JQuery</li><li>Collaborated with a team on a final project to build a Reimbursement Web Application</li></ul>	
<b>PT. Syergie Indo Prima – Bandung</b>	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"><li>Created a Graphical User Interface (GUI) using the Python programming language</li><li>Successfully displays sensor data from Remotely Operated Underwater (ROV)</li><li>Integrated ROV sensor data into GUI and IP Camera</li></ul>	

## Training Experiences











Talenta AI: Innovation Challenge with Skilvul Cycle 2	June 2024 - July 2024
Jabar Digital Academy	March 2024 – June 2024
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 - Kementrian 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	July 2022 – August 2022
- Kementrian Komunikasi dan Informatika Republik Indonesia	
Indosat Ooredoo Hutchison Digital Camp 2022	June 2022 – September 2022

## Organization Experiences

<b>Himpunan Mahasiswa Elektro (HME FPTK UPI)</b>	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"> <li>Served as Master of Ceremony (MC) at the Infographic and Electricity Training event.</li> <li>Coordinated with campus departments to prepare venues for the Concentration Socialization work program.</li> <li>Created posters and banners for the Telecommunication Workshop work program.</li> <li>Provide fiber optic cables and equipment for the Telecommunication Workshop work program.</li> <li>Managed logistics for participants in various work programs, including nametags and consumption.</li> </ul>	

## Certificates

AWS Certified Cloud Practitioner <a href="#"></a>	June 2024 – June 2027
Microsoft Certified: Azure AI Engineer Associate <a href="#"></a>	March 2024 – March 2025
Dicoding Indonesia: Belajar Pengembangan Machine Learning <a href="#"></a>	February 2024 – February 2027
Dicoding Indonesia: Belajar Membangun Arsitektur Microservices <a href="#"></a>	December 2023 - December 2026
Dicoding Indonesia: Belajar Membuat Aplikasi Web dengan React <a href="#"></a>	November 2023 - November 2026
Microsoft Certified: Azure Fundamentals <a href="#"></a>	October 2023 - Present
Microsoft Certified: Azure Data Fundamentals <a href="#"></a>	October 2023 - Present
Microsoft Certified: Azure AI Fundamentals <a href="#"></a>	October 2023 - Present
Dicoding Indonesia: Belajar Implementasi CI/CD <a href="#"></a>	September 2023 - September 2026
Dicoding Indonesia: Menjadi Linux System Administrator <a href="#"></a>	August 2023 - August 2026

## Skills

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

## Languages

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