



# ACHMAD MUKHLIS PRINATA

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I am a graduate of Informatics Engineering from Gunadarma University with a strong interest in Quality Assurance, Software Testing, and IT Support. I have experience in academic and personal projects, including an IoT-based fire detection system and a drowsiness detection system. I am a fast learner, detail-oriented, honest, and committed to continuous development and problem-solving.

## Education Level

<b>Gunadarma University - Depok, Indonesia</b> <i>Bachelor of Informatics Engineering,, 3.65/4.00</i> <ul style="list-style-type: none"><li>3rd Place in Men's Kumite Karate U21, (19 - 21 Nov 2021)</li></ul>	Jun 2020 - Sep 2024
<b>SMK Yadika 11 Jatirangga - Bekasi, Indonesia</b> <i>Senior High School, Computer Engineering &amp; Networking, 81.50/100.00</i> <ul style="list-style-type: none"><li>Junior Computer Network Technician (BNSP)</li><li>Network Administrator Madya Intermediate Network Administrator (BNSP)</li></ul>	Jul 2017 - May 2020

## Work Experiences

<b>Polsek Jatiasih - Bekasi</b> <i>Internship (IT Support)</i> <ul style="list-style-type: none"><li>Assisted in drafting criminal record recommendation letters.</li><li>Involved in daily IT system maintenance</li><li>Backup and data management</li></ul>	Jan 2019 - Feb 2019
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## Project

<b>Alert Eyes Alarm - (IoT) - Skripsi</b> <ul style="list-style-type: none"><li>Building a drowsiness detection system based on Python, OpenCV, and Flask.</li><li>Implementing Eye Aspect Ratio (EAR) calculations to detect fatigue.</li><li>Testing system functionality and creating bug reports manually.</li><li>Integrated with ESP32-CAM and buzzer as an alarm.</li></ul>
<b>Fire Detection System - (IoT) - Scientific Writing</b> <ul style="list-style-type: none"><li>Developing a fire detection system using a microcontroller (ESP32)</li><li>Using the MQ-2 sensor to detect smoke and hazardous gases, and the Flame sensor temperature sensor to measure excessive heat</li><li>The system automatically activates the buzzer (alarm) when a dangerous condition is detected</li><li>Sending real-time notifications to Telegram through integration with the Telegram API Bot using a WiFi connection</li><li>Aims to provide early warning and accelerate response to potential fires</li></ul>

## Skills, Achievements & Other Experience

<ul style="list-style-type: none"><li><b>Certificate Of Training</b> (2021): Fundamental Desktop Programing by Gunadarma University</li><li><b>Certificate Of Training</b> (2023): Building Website Using HTML 5 by Gunadarma University</li><li><b>Certificate Of Training</b> (2023): Wide Area Network Using Cisco Router For Intermediate by Gunadarma University</li><li><b>Certificate Of Training</b> (2021): Fundamental Networking by Gunadarma University</li><li><b>Certificate Of Training</b> (2022): Java Programing For Beginer by Gunadarma University</li><li><b>Certificate Of Training</b> (2023): Java For Intermediate by Gunadarma University</li><li><b>Certificate Of Training</b> (2022): Local Area Network Using Cisco Router by Gunadarma University</li><li><b>Certification</b> (2019): Junior Computer Network Tecnician (BNSP)</li><li><b>Certification</b> (2020): Network Administrator Madya Intermediate Network Administrator (BNSP)</li><li><b>Hard Skills</b>: SDLC, Test Case, Test Plan, MySQL, Programing Language ( Pyhton, Java, HTML, CSS), Office Suites (Word, Excel, Powerpoint), Basic Network Management (TCP/IP, DHCP, DNS), Operating System Installation &amp; Configuration (Windows), Software Testing Manual, Katalon, Jira, Chat GPT, Postman (Basic)</li><li><b>Soft Skills</b>: Collaboration, Time Management, Adaptation, Flexibility, Problem Solving, Effective Communication, Attention to Detail, Honest</li></ul>
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