



# NAYAKA ALKAESYAH SURYANTO

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Jln. Pura Demak 1 No. 10  
First-year Electrical Engineering student at Udayana University, highly motivated and proactive with a passion for Robotics and Programming. Equipped with a strong foundation in physics, mathematics, and informatics. Eager to find an opportunity to apply and grow my skills in a practical setting through projects, organizations, or an internship.

## Education Level

<b>Universitas Udayana - Bali, Indonesia</b> <i>Undergraduated Electrical Engineering Student</i>	Aug 2025 -
<b>SMAN 4 Denpasar - Bali, Indonesia</b> <i>Senior High School, Engineering Specialization, 88.88/100.00</i>	Jul 2021 - May 2024

## Organisational Experience

<b>Robotec Udayana - Badung, Bali, Indonesia</b> <i>Member of Coding Division</i> <ul style="list-style-type: none"><li>Collaborated closely with the Electronics and Mechanics Divisions to debug, test, and optimize the robot's performance in preparation for competition.</li><li>Responsible for the development and implementation of firmware (software) for the "Agni Udayana" (KRSRI) robot using C++.</li><li>Integrating and retrieving data from various sensors.</li></ul>	Aug 2025 - Present
<b>Technology Artisan - Badung, Bali, Indonesia</b> <i>General member of Smart Technology Division</i> <ul style="list-style-type: none"><li>Actively involved in the research and development of prototypes in the fields of Internet of Things (IoT) and Computer Vision (CV).</li><li>Learned and implemented microcontroller connectivity (ESP32) to the Blynk cloud platform for IoT projects.</li><li>Studied the fundamentals of image processing (CV) using Python for basic object detection tasks.</li></ul>	Aug 2025 - Present
<b>Foursma Computer Club - Denpasar, Bali, Indonesia</b> <i>Vice President</i> <ul style="list-style-type: none"><li>Assisted the Club President in leading and managing the daily operations of an organization with 30+ active members.</li><li>Supervised and coordinated the execution of programs across various divisions, including Programming, Troubleshooting, Design, and Robotics.</li><li>Played an active role in strategic planning, new member recruitment, and the execution of the club's main event, "FIO: Foursma Informatics Olympiad."</li><li>Acted as the primary internal contact and facilitated effective communication between members and the executive board.</li></ul>	Jun 2023 - Apr 2024
<b>Foursma Computer Club - Denpasar, Bali, Indonesia</b> <i>Member of Programming Divison</i> <ul style="list-style-type: none"><li>Actively participated in an extracurricular program focused on enhancing digital literacy and skills.</li><li>Learned and applied the fundamentals of C++ Programming and Robotics.</li></ul>	Jan 2022 - Jun 2023

## Skills, Achievements & Other Experience

- Hard Skills:** Pemrogramming: C/C++ (Intermediate), Python (Basic); Simulation Software: Proteus (Intermediate); Hardware: Arduino (Intermediate)
- Soft Skills:** Problem Solving, Teamwork, Time Management, Communication
- Modules Taken** (2024): Indonesian Language Proficiency Test (UKBI) Score : 631