



MUHAMMAD AS'AD

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Sangatta , Kutai Timur Regency , East Kalimantan

Mechanical Engineering graduate (GPA 3.56) with a strong background in mechanical maintenance, engineering design, and occupational health & safety (K3, Mining OHS, CSMS, ISO). Experienced in leading teams, coordinating projects, and optimizing workflows through both professional and organizational roles. Highly motivated to contribute to safe, efficient, and innovative operations within the engineering and industrial sector.

WORK EXPERIENCE

PT Nusantara Sakti Group - Balikpapan	Jul 2025 - Present
<i>Branch Manager</i>	
<ul style="list-style-type: none">• Leading branch operations covering sales, marketing, finance, and after sales services• Managed sales strategy, financing collection, and operational cost efficiency (OPEX)• Implemented data driven performance evaluation to boost productivity and results	
PT Nusantara Sakti Group - Banjarmasin	Jul 2024 - Jun 2025
<i>Regional Coordinator</i>	
<ul style="list-style-type: none">• Coordinated operational & marketing teams to achieve regional targets• Implemented data driven strategies to optimize workflow efficiency• Mentored and evaluated team members to improve performance	
PT Nusantara Sakti Group - Jakarta	May 2024 - Jun 2024
<i>Future Leader Development Program</i>	
<ul style="list-style-type: none">• Completed leadership & business development training• Enhanced problem solving and decision-making skills through case studies	
Center For Bio Mechanics Bio Material Bio Mechatronics And Bio Signal Processing (CBIOM3S) - Semarang	Sep 2020 - Dec 2020
<i>Engineering Design Project</i>	
<ul style="list-style-type: none">• Designed and simulated a prosthetic running blade for disabled athletes• Built prototype using 3D printing & load testing simulation (SolidWorks, Ansys)	
PT. Pupuk Kalimantan Timur - Bontang	Jan 2020 - Mar 2020
<i>Internship - Field Mechanic Maintenance</i>	
<ul style="list-style-type: none">• Performed maintenance & repair of production units in Harmekal 1 area• Conducted quality control on new equipment in warehouse• Designed special gearbox installation tool (1.000 kg), enhancing efficiency & safety	

EDUCATION LEVEL

Diponegoro University - Semarang	Aug 2017 - Dec 2022
<i>Bachelor of Mechanical Engineering, 3.56/4.00</i>	
<ul style="list-style-type: none">• Final Project: Design & Build of Portable Storage Box and Dryer for Welding Electrodes	

ORGANISATIONAL EXPERIENCE

Community Service Program - Semarang	Jun 2021 - Aug 2021
<ul style="list-style-type: none">• Initiated a COVID-19 response program for local communities• Designed and delivered 3 automatic hand sanitizers and 20 touchless keychains• Promoted innovation with a focus on Sustainable Development Goals	
Mechanical Engineering Student Association (HMM UNDIP) - Semarang	Nov 2018 - Nov 2019
<i>Cadre Development Division Staff</i>	
<ul style="list-style-type: none">• Planned and executed cadre development programs• Acted as Steering Committee in the Annual Assembly• Conducted evaluations and provided improvement feedback	
Mechanical Sport Week 2018 - Semarang	Feb 2018 - Apr 2018
<i>Badminton Event Coordinator</i>	
<ul style="list-style-type: none">• Planned the competition schedule and coordinated with participants to align with their availability	

- Created clear job descriptions for committee members to ensure effective and efficient execution
- Collaborated with stakeholders to secure necessary courts and facilities for the event

Mechanical Engineering Student Association Reorganization - Semarang

Oct 2017 - Dec 2017

Event Chairperson

- Led committee members through division coordinators
- Monitored progress and ensured activities aligned with the timeline
- Made strategic decisions to overcome challenges during execution

CERTIFICATIONS, TRAINING, and SKILLS

- **Certification:** General Occupational Health and Safety Expert (Ministry of Manpower), Lean Manufacturing (TÜV Rheinland)
- **Training:** Contractor Safety Management System (CSMS), Accident Investigation, Lock Out Tag Out (LOTO), ISO 9001, ISO 14001, ISO 45001, ISO 19011, Emergency Response System, Basic Fire Fighting, Offshore Oil and Gas OHS, Mining OHS, Basic SolidWorks
- **Software:** Microsoft Office (Word, Excel Advanced: Pivot Table, VLOOKUP/INDEX MATCH, Data Analysis, PowerPoint), SolidWorks, Ansys
- **Skills:** Teamwork, Time Management, Problem Solving, Communication, Fluent in English and Bahasa Indonesia