



NYONIK ADI WICAKSONO

081217837452 | nyonikadiwicaksono@gmail.com | <https://www.linkedin.com/in/nyonik-adi-wicaksono/>

Kabupaten Sidoarjo Kecamatan Krian 61262

Fresh Graduate in Applied Industrial Mechanical Engineering that focused on Energy Conversion Engineering, who always take any task with high integrity and responsibility. A well rounded person who can work with new people and have an interest on Renewable energy and Power Plant.

Pengalaman Kerja

PT.PLN Nusantara Power UP Gresik - Gresik, Jawa Timur

Jan 2025 - Jun 2025

Maintenance Interenship

- Perform preventive and predictive maintenance on various power generation equipment, such as HRSGs, Gas Turbines (GT), Steam Turbines (ST), LP BFPs, CWP, and other auxiliary equipment; predictive maintenance activities also include condition monitoring of rotating machinery.
- Participate in equipment overhaul and assembly activities, including the overhaul of Blow Down pumps, desalination plants, and GTs; the assembly of LP BFPs and CWP lube pumps; and the installation and removal of various mechanical components.
- Conduct inspections and investigations regarding abnormal equipment conditions, such as checks on the CNG plant and CNG compressors; investigations into HRSG, ACWC, and valve leaks; and assessments of pump and strainer conditions.

Jenjang Pendidikan

Institut Teknologi Sepuluh Nopember - Surabaya, Jawa Timur

Aug 2022 - Oct 2026 (Perkiraan)

Bachelor Degree Industrial Mechanical Engineering, 3.21/4.00

- Covers the study of Mechanics of Materials, Engineering Measurement, Thermodynamics, Kinematics and Dynamics, Fluid Mechanics, Heat Transfer, Machine Elements, Mechatronics, Manufacturing Processes, Automotive Engineering, Hydraulic and Pneumatic Systems, Pumps and Compressors, as well as Maintenance Engineering and Management.
- Thesis: EXPERIMENTAL STUDY OF THE EFFECT OF IGNITION TIMING VARIATIONS ON THE PERFORMANCE AND EXHAUST GAS EMISSIONS OF A 110 CC 4-STROKE ENGINE FUELED WITH ETHANOL E 100

Pengalaman organisasi

Himpunan Mahasiswa Teknik Mesin Industri - Surabaya/Indonesia

Jan 2025 - Dec 2025

Head of the Automotive Development Bureau

HMDM as a student organization that accommodates the aspirations of all students of the Industrial Mechanical Engineering Department as exposed in the basic constitution of the ITS Student Family, in carrying out its role, HMDM has organizational equipment to realize its goals.

- Oversee the professional development of 10+ junior staff members in the automotive field.
- provide guidance for their development

Basic automotive training - Surabaya, Indonesia

May 2024

Chief Executive

Provide basic automotive maintenance knowledge to new participants and manage a group of 100 participants.

- Plan requirements for the duration of the event
- Plan activities for the duration of the event
- Prepare materials on automotive maintenance basics

- Sekarang

Keterampilan, Prestasi & pengalaman lain

- **Engineering Software Skills:** Ansys Fluent, Solidworks, Festo FluidSim
- **Microsoft Software Skills::** Ms. Word, Ms. Excell, Ms. PowerPoint
- **Language::** Indonesia (Native), English (TOEFL Score 477)