



Satria Egan Priyatmoko

Date of birth: 05/01/2004 | **Phone number:** (+62) 89530950636 (Mobile) | **Email address:** satriaegan123@gmail.com | **LinkedIn:** Satria Egan Priyatmoko | **Instagram:** Satria Egan P | **Address:** Semarang, Indonesia (Home)

ABOUT ME

Fresh graduate in Mechanical Engineering – Energy Conversion with strong interest in industrial maintenance, energy systems, and power plant operations. Adaptable, disciplined, able to work under pressure, and capable of working effectively both independently and in teams.

EDUCATION AND TRAINING

31/07/2023 – CURRENT Semarang, Indonesia
MECHANICAL ENGINEERING State Polytechnic of Semarang

- Studied power plant operation systems, energy conversion systems, preventive maintenance, troubleshooting, equipment inspection, and maintenance procedures for PLTA, PLTU, PLTD, PLTS, and PLTB systems.
- Developed technical understanding in Thermodynamics, Heat Transfer, Electrical Protection Systems, and Mechanical Fluid Systems with strong academic performance in related subjects.
- Completed a final project titled “Design and Development of a 400WP Solar Power Plant (PLTS) Miniature for Laboratory Warehouse Lighting” involving solar energy conversion from DC to AC systems, and obtained Electrical Power Competency Certification through university competency programs.

Field of study Energy Conversion Engineering | **Final grade** 3.07/4.00

WORK EXPERIENCE

MAINTENANCE INTERNSHIP – PT INDONESIA POWER (PLTA TIMO) – 01/09/2025 – 31/10/2025 – SEMARANG, INDONESIA

- Assisted preventive and corrective maintenance activities for turbines, generators, and supporting equipment.
- Conducted equipment inspection, operational monitoring, and maintenance documentation.
- Supported troubleshooting processes and machine performance evaluation.
- Learned maintenance procedures, industrial safety standards, and operational systems in hydroelectric power plants (PLTA).
- Collaborated with maintenance teams to ensure operational reliability and maintenance efficiency.

SENIOR KITCHEN CREW – PT MODULAR KULINER INDONESIA (HANGRY) – 05/02/2025 – 02/06/2025 – SEMARANG, INDONESIA

- Managed kitchen operations and ensured customer orders were prepared accurately and efficiently.
- Maintained food quality, hygiene, and consistency according to company operational standards.
- Coordinated kitchen workflow to improve speed of service and team productivity.
- Handled stock control and monitored raw material inventory.
- Assisted beverage and bar preparation while maintaining cleanliness and organization.

SKILLS

Preventive & Corrective Maintenance | Turbine and Generator Inspection | Power Plant Operation Systems | Mechanical Equipment Maintenance | Basic Troubleshooting Techniques | Energy Conversion Systems | Industrial Safety Awareness | Team Collaboration & Communication

CERTIFICATIONS

State Polytechnic of Semarang (POLINES)
Electrical Power Competency Certification

Competency certification in electrical power and energy conversion systems covering preventive maintenance, equipment inspection, operational procedures, and troubleshooting of power generation systems and supporting electrical infrastructure.

The Japan Foundation & Japan Educational Exchanges and Services (JEES)
Japanese-Language Proficiency Test (JLPT) N5

Successfully passed the Japanese-Language Proficiency Test (JLPT) N5 level, demonstrating basic Japanese communication skills including vocabulary, grammar, reading, and listening comprehension.