



Pinky Rahmayanti

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Jombang, East Java, Indonesia

Graduate of the Bachelor Program of Applied Engineering in Power Plant Engineering from the Electronic Engineering Polytechnic Institute of Surabaya. Possesses educational background in energy conversion with comprehensive knowledge of power system and energy management. Experienced in data processing, document administration, report preparation, and procurement budget planning through internships and organizational involvement. Detail oriented and skilled in communication, with the ability to work both independently and collaboratively. Highly motivated, adaptable, and capable of performing well in diverse work environments. Seeking a professional career in administration, data entry, production operations, technology development, and human resource management, while remaining open to opportunities in other fields.

EDUCATION

Electronic Engineering Polytechnic Institute of Surabaya 2020 – 2024
Bachelor of Applied Engineering in Power Plant Engineering | GPA : 3.67/4.00

- Final Project : Energy Audit of the Postgraduate Building at PENS Using a 3 Phase Voltage and Current Measuring Device (PZEM 004T)

Mojoagung State Senior High School 2017 – 2020
Mathematics and Sciences Major | Final Grade : 86.87/100

WORK EXPERIENCE

Private Tutor October 2024 – May 2025
Freelance – Mathematics Tutor

- Provided academic tutoring for 11 hours per week to 4 students on a regular basis.
- Created customized teaching materials in accordance with the current mathematics curriculum.
- Elevated students academic performance and grades by optimizing the learning system.

Power Plant Operation July – October 2023
Internship – PT Geo Dipa Energi (Persero) Unit Dieng

- Monitored and evaluated the condition of components in PLTP unit 1, small scale, and the steam field to ensure optimal performance.
- Conducted preventive and corrective maintenance on components in PLTP unit 1, small scale, dan steam field to improve system reliability and documented.
- Performed performance testing of plant components to assess efficiency and detect operational issues.
- Calculated and analyzed pump efficiency to optimize plant performance.

Electrical Network Operation and Maintenance

Internship – PT PLN (Persero) UP3 Mojokerto

January – March 2023

- Conducted routine inspections and evaluations of medium-voltage electrical networks to ensure reliability and safety.
- Summarize and analyzed inspection and maintenance data for medium-voltage electrical networks.
- Determined placement of reclosers to enhance network stability and reduce outages.
- Participated in maintenance activities for medium-voltage electrical networks.

ORGANIZATIONAL AND VOLUNTEER EXPERIENCE

Student Resource Development Staff

February 2021 – December 2022

EEPIS Bidikmisi Organization, Electronic Engineering Polytechnic
Institute of Surabaya

- Oversaw various development programs for Bidikmisi/KIP-K scholarship recipients to improve academic and non-academic skills.
- Served as Chief Organizer for the Career Development Program 2021 focused on student career readiness through training and networking.
- Monitored, evaluate progress, and obstacles in implementing work programs in five departments to ensure effectiveness and target achievement.
- Compiled comprehensive reports on each program as part of accountability and program evaluation.

Coordinator of Research and Scientific Development

December 2021 – December 2022

Forum of Polytechnic Students Communication (FKMPI) – East Java
Region

- Coordinate all work programme and ensure event execution aligned with plans.
- Collaborated with team in designing and executing soft skills and hard skills development programs for diploma students.
- Organized five work programme including seminars, training sessions, and competitions, and prepared corresponding reports.
- Facilitated student development in expanding knowledge and improving scientific writing quality.

Health Division Committee

February 2022

Peduli Desa Jilid VIII, Sidoarjo

- Designed activity plans and budgets for health programs, including procurement of medical supplies.
- Ensured smooth execution of the event and provided support to participants and local residents.
- Managed logistics for the distribution of medicine, medical tools, and health equipment.
- Supervised the availability and compliance of healthcare facilities with applicable standards.

- Identified and recorded necessary equipment to support event succes.
- Procure and organize event equipment, either through purchasing or borrowing from relevant parties.
- Managed distribution of supplies to various activity locations and ensured timely delivery to all divisions.

ACHIEVEMENTS

- **2nd Place Final Project Competition, EEPIS, 2024**
 - Created a current measurement tool in the form of a data logger using the PZEM sensors.
- **Grant Recipient Student Creativity Program (PKM) 8 Fields, The Ministry of Education and Culture, 2023**
 - Designed and developed a Quad Plane Tilt Rotor for rice yield estimation and plant health analysis using the Visible Atmospherically Resistant Index (VARI).
- **2nd Place The 8th UTU Awards, Universitas Teuku Umar, 2022**
 - Created a business plan for a solar powered irrigation system integrated in field with anti-theft security.
- **3rd Place DIGIFEST East Java CTBC, Department of Industry and Trade East Java, 2022**
 - Built a UI/UX based hiking equipment rental business platform and conducted market analysis to improve business strategy.

SKILLS

Hard Skills	Microsoft Office (Word, Excel, Power Point), Ansys Fluent, Matlab, Reliasoft Weibul 6++, Minitab, Autodesk, Audit Procedures, Renewable Energy Systems, Scientific Writing, Document Administration.
Soft Skills	Adaptable, Communicative, Detail Oriented, Open Minded, Respectful of Opinions, Empathy, Time Management, Teamwork.
Languages	Indonesian (Native), English (Intermediate)