DINO ARLA

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Pronouns: he/him/his

SUMMARY

Dino Arla is a seasoned Electrical Engineer with over 12 years of professional experience at PT PLN (Persero), a leading electricity provider in Indonesia. With a robust career in the power industry, Dino has established himself as a driving force in operational excellence, innovation, and technology-driven solutions. Committed to continuous learning and innovation, Dino stands out as a forward-thinking professional dedicated to advancing technology adoption within the energy sector and beyond.

EDUCATION

Sepuluh Nopember Institute of Technology (ITS), Surabaya, Indonesia **Aug 2023 - Jun 2025**
Master's Degree Candidate of Technology Management

- *Major in Business Analytics.*
- *Thesis on "Optimization of Electricity Theft Detection Based on Automated Machine Learning Through Multivariable and Cost-Sensitive Learning Approaches: A Case Study at PT PLN (Persero) Distribution Unit of West Java", supervised by Dr. Achmad Choiruddin, S.Si., M.Sc.*

Tanjungpura University, Pontianak, Indonesia **Sep 2013 - Jul 2017**
Bachelor of Engineering

- *Major in Control Engineering.*
- *Final Project on "AQORTA (Air Quality and Noise Real Time Data Acquisition): An Integrated Air Quality and Noise Telemetry System with Solar Power System", supervised by Dr. Eng. Ir. Ferry Hadary, ST., M.Eng., IPM., CRA.*

EMPLOYMENT

Team Leader of Energy Transaction, PT PLN (Persero) **Feb 2023 - Present**
Area Indramayu, Distribution Unit of West Java

- *Responsible for the management of measuring and limiting devices, energy loss recovery and control, public street lighting, customer connection services, customer transaction with solar power system, as well as electricity energy settlement activities to meet the applicable operational standards.*

Assistant Analyst for Electrical Network and Customer Data Mapping, PT PLN (Persero) **Jan 2022 - Jan 2023**
Area Indramayu, Distribution Unit of West Java

- *Responsible for inventorying and updating asset data, both spatial and textual, as well as managing, controlling, and evaluating the implementation of operations and maintenance tasks.*

Assistant Engineer for Transaction Meter Maintenance, PT PLN (Persero) **Jan 2019 - Dec 2021**
Area Indramayu, Distribution Unit of West Java

- *Responsible for the implementation of transaction meter maintenance to ensure the accuracy of electricity consumption measurement.*

Junior Engineer Technology and Information, PT PLN (Persero) **Jan 2018 - Dec 2018**
Power Plant Sector of Kapuas, Regional Kalimantan

- *Planning, implementing, and evaluating the maintenance activities of information technology infrastructure and facilities to support the reliability of power generation.*

Junior Technician Planning and Control of Power Plant Maintenance, PT PLN (Persero) **May 2015 - Dec 2017**
Power Plant Sector of Kapuas, Regional Kalimantan

- *Plan and evaluate power generation operations with a focus on effectiveness, efficiency and ensuring high reliability.*

Junior Operator Control Room, PT PLN (Persero) **Jul 2013 - Apr 2015**
Diesel of Power Plant Siantan, Regional West Kalimantan

- *Conduct operational control of power generation units, inspect and address disturbances (first-line maintenance), and perform performance tests on power plant installations to ensure operational reliability.*

TEACHING EXPERIENCE

Innovation Paper & Presentation **Feb 2025**
- *Instructor, PT PLN (Persero) Nusantara Power, Kapuas Power Generation Unit*

MAGNETO: Machine Learning for Ranking System to Prioritize P2TL Target Operation **Jun 2024**
- *Instructor, PT PLN (Persero) Distribution Unit of West Java*

SIMBA (Real-Time Fuel Monitoring Station of PLN Power Plant) **Oct 2017**
- *Instructor, PT PLN (Persero) Area Ketapang, West Kalimantan*

AWARDS & CREDENTIALS

3rd Winner of Learning Innovation Knowledge Exhibition (LIKE) 2024 **Oct 2024**
- *PT PLN (Persero) Research and Development Centre, Grand Final at Jakarta*

Golden Ticket Awardee of Innovation Contest 2024 **Aug 2024**
- *PT PLN (Persero) Research and Development Centre, Regional selection at Padang, West Sumatera*

1st Winner of Innovation Contest 2024 **Jun 2024**
- *PT PLN (Persero) Distribution Unit of West Java*

1st Winner of Innovation Contest 2022 **May 2022**
- *PT PLN (Persero) Distribution Unit of West Java*

Finalist Learning Innovation Knowledge Exhibition (LIKE) 2017 **Oct 2017**
- *PT PLN (Persero) Research and Development Centre, Grand Final at Jakarta*

4th Winner of Innovation Contest 2017 **Jul 2017**
- *PT PLN (Persero) Research and Development Centre, Regional selection at Denpasar, Bali*

The Fastest Graduate **Jun 2017**
- *Tanjungpura University*

2nd Winner of Innovation Contest in Knowledge Management Festival 2017 **Mar 2017**
- *PT PLN (Persero) Regional West Kalimantan*

PUBLICATIONS

Anti Theft Power Smart Metering System **Oct 2024**
- *International Conference on Technology and Policy in Energy and Electric Power (ICTPEP) 2024 at Bali, Indonesia*

Exploring the Relationship between Solar Panel Adoption and Socio-Economic Factors: A Case Study of Urban Households in Developing Countries **Jul 2024**
- *Journal of Electrical Systems 20-5s (2024): 2737-2754*

A Telemetry System for Real-Time Air Quality and Noise Monitoring in Urban Areas Based on IoT Technology **Jul 2023**
- *Tuijin Jishu/Journal of Propulsion Technology*

PATENT

AQORTA (Air Quality and Noise Real Time Data Acquisition): An Integrated Air Quality and Noise Telemetry System with Solar Power System **Jul 2023**
- *ID Patent: P00202112421*

BOOK

Inovasi Sistem Pengukuran Kualitas Udara Terintegrasi Solar Power System Berbasis Internet of Things (IoT) **Mar 2023**
- *Penerbit Litnus (PT Literasi Nusantara Abadi Grup), ISBN: 978-623-8227-97-6*