

# DINO ARLA

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**Pronouns:** he/him/his



## SUMMARY

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Dino Arla is a seasoned Electrical Engineer with over 7 years of professional experience at PT PLN (Persero) or PLN, 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

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### Sepuluh Nopember Institute of Technology (ITS), Surabaya, Indonesia

Aug 2025 - Dec 2025

Engineer's degree (Ir)

- *Professional Engineer Program*

### Sepuluh Nopember Institute of Technology (ITS), Surabaya, Indonesia

Aug 2023 - Jul 2025

Master's of Technology Management (M.MT)

- *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 (ST)

- *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

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### Co-Supervisor, Undergraduate Thesis

Jun 2025 - Present

Sepuluh Nopember Institute of Technology (ITS), Surabaya, Indonesia

- *Assisted in supervising a bachelor student's thesis project in the Department of Statistics ITS, focusing on Machine Learning, Anomaly Detection and Spatial Statistics.*

### Team Leader of Energy Transaction

Feb 2023 - Present

Area Indramayu, PLN 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

Jan 2022 - Jan 2023

Area Indramayu, PLN 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

Jan 2019 - Dec 2021

Area Indramayu, PLN 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

Jan 2018 - Dec 2018

Power Plant Sector of Kapuas, PLN Regional Kalimantan

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

## TEACHING EXPERIENCE

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<b>Knowledge Sharing Forum: “Knowledge to Impact, Toward the Global 500”</b> <ul style="list-style-type: none"><li>Narasumber, PLN Learning Centre of Pandaan</li></ul>	<b>Jun 2025</b>
<b>Innovation Paper &amp; Presentation</b> <ul style="list-style-type: none"><li>Instructor, PLN Nusantara Power, Kapuas Power Generation Unit</li></ul>	<b>Feb 2025</b>
<b>MAGNETO: Machine Learning for Ranking System to Prioritize P2TL Target Operation</b> <ul style="list-style-type: none"><li>Instructor, PLN Distribution Unit of West Java</li></ul>	<b>Jun 2024</b>

## AWARDS & CREDENTIALS

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<b>Best Paper and Best Presenter of ICoDSA 2025</b> <ul style="list-style-type: none"><li>The 8th International Conference on Data Science and Its Applications (ICoDSA) 2025 at Jakarta</li></ul>	<b>Jul 2025</b>
<b>3rd Winner of Learning Innovation Knowledge Exhibition (LIKE) 2024</b> <ul style="list-style-type: none"><li>PLN Research and Development Centre, Grand Final at Jakarta</li></ul>	<b>Oct 2024</b>
<b>Golden Ticket Awardee of Innovation Contest 2024</b> <ul style="list-style-type: none"><li>PLN Research and Development Centre, Regional selection at Padang, West Sumatera</li></ul>	<b>Aug 2024</b>
<b>1st Winner of Innovation Contest 2024</b> <ul style="list-style-type: none"><li>PLN Distribution Unit of West Java</li></ul>	<b>Jun 2024</b>
<b>1st Winner of Innovation Contest 2022</b> <ul style="list-style-type: none"><li>PLN Distribution Unit of West Java</li></ul>	<b>May 2022</b>

## PUBLICATIONS

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- D. Arla** and A. Choiruddin, “Machine Learning-based Electricity Theft Detection Considering Customer Consumption Pattern and Geographical Condition,” in *2025 International Conference on Data Science and Its Applications (ICoDSA)*, IEEE, 2025, pp. 534–539.
- Q. Haramami, A. Setiawan, M. H. Sidiq, **D. Arla**, and I. Garniwa, “Exploring the relationship between solar panel adoption and socio-economic factors: A case study of urban households in developing countries,” *Journal of Electrical Systems*, vol. 20, pp. 2685–2705, 2024.
- M. H. Sidiq, **D. Arla**, S. H. Fadliqaf, and Q. Haramaini, “Anti Theft Power Smart Metering System,” in *2024 International Conference on Technology and Policy in Energy and Electric Power (ICTPEP)*, IEEE, 2024, pp. 287–290.
- Q. Haramaini, **D. Arla**, and I. Garniwa, “A Telemetry System for Real-Time Air Quality and Noise Monitoring in Urban Areas Based on IoT Technology,” *Tuijin Jishu/Journal of Propulsion Technology*, vol. 44, no. 6, pp. 446–455, 2023.
- F. Hadary, S. Rezeki, D. Jati, **D. Arla**, and W. Setyawan, Inovasi Sistem Pengukuran Kualitas Udara Terintegrasi Solar Power System Berbasis Internet of Things (IoT). *CV. Literasi Nusantara Abadi*, 2023.

## PATENT

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F. Hadary, **D. Arla**, S. Rezeki, D. Jati, and R. M. Rustamaji, “AQORTA (Air Quality and Noise Real Time Data Acquisition) Sistem Telemetri Kualitas Udara dan Kebisingan Terintegrasi Solar Power System,” *ID Patent: P00202112421*, Jul. 10, 2023