

# PETRIK SIANO OKTA PRIMA LESMANA

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## EDUCATION

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### Diponegoro University

Bachelor of Science (Major in Oceanography)

Cumulative GPA: 3.85/4.0

Thesis: The Effect of El Nino Southern Oscillation on Upwelling Intensity in Northern Papua Waters

Semarang

2019 – 2023

## EXPERIENCE

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### PT. Pangan Lestari

Purchasing Import

Sidoarjo

March 2024 – Present

- Coordinated shipment schedules and ensure the accuracy of key documents, including Bills of Lading (BL), Certificates of Analysis (COA), Certificates of Origin (COO), and Commercial Invoices (CIPL).
- Monitored import stock levels and leveraged DOI (Days of Inventory) analysis to improve forecasting accuracy and prevent overstocking or stockouts.
- Optimized product data management to support decision-making by updating pricing, container loading capacity, and temporary lead times.

### GAOTek Inc.

Business Development

Ontario (Remote)

November 2023 – December 2023

- Identified and recorded over 10 high-quality business opportunities in the CRM, leading to a high conversion rate with interested prospects.
- Designed lead generation campaigns targeting diverse industries in Saudi Arabia, including manufacturing, healthcare, construction, oil & gas, and mining.
- Spearheaded strategic partnerships, researching and identifying over 10 potential products daily on e-commerce platforms.

### PT. Indobit Digital Raya

Data Analytics for Business

Tangerang

February 2023 – June 2023

- Designed business insights for 3 fintech companies through data analysis, including EDA, data cleansing, and dashboarding.
- Conducted business analysis using design thinking, storytelling, and business presentations, employing user journey maps, data product canvas, and business flow methods.
- Completed project-based learning in 4 e-commerce companies, leveraging SQL, Python, and Looker Studio to extract valuable insights.

### PT Pelabuhan Indonesia (Persero)

Field Surveyor Associate

Semarang

November 2022 – December 2022

- Explored all docks at Tanjung Emas Port to determine optimal water quality sampling locations, ensuring thorough environmental data coverage across port areas.
- Assisted in conducting water quality surveys, collecting data on temperature, pH, dissolved oxygen, salinity, and lead levels to assess environmental health.
- Implemented Health, Safety, and Environment (HSE) practices during field operations, ensuring compliance with safety standards and reducing potential risks during water sampling.

### Kedaireka.id

Geographic Information System Analyst (GIS Analyst)

Semarang

August 2022 – December 2022

- Conducted water quality surveys, analyzing 8 parameters: pH, dissolved oxygen, nitrate, phosphate, turbidity, chlorophyll-a, temperature, and salinity.
- Enhanced physical oceanographic data, including bathymetry, tides, and waves, and presented findings through spatial distribution maps and oceanographic modeling, covering Teluk Awur Waters.
- Managed the preparation phase for an aquaculture project using the Integrated Multi-Trophic Aquaculture (IMTA) method in Teluk Awur Waters, Jepara.

## **Balai Besar Penangkapan Ikan**

**Semarang**

*Geographic Information System Analyst (GIS Analyst)*

*March 2022 – April 2022*

- Developed upwelling data using ArcGIS and SeaDAS for the Fisheries Management Area of Indonesia in 2020 and 2021.
- Interpreted statistical data on fishing yields and gear usage on the north and south coasts of Central Java Province in 2020.
- Produced 168 monthly fishing potential maps for the coast of Central Java, covering 7 zones in the Western Indonesian Seas.

## **Dinas Kelautan dan Perikanan Provinsi Jawa Tengah**

**Semarang**

*Geographic Information System Analyst (GIS Analyst)*

*August 2021 – September 2021*

- Presented detailed coastline data for Brebes, Tegal, and Pemasang, utilizing advanced ArcGIS features such as split and merge, accurately mapping 80% of the region's shoreline.
- Analyzed coastal area data on the northern coast of Central Java, identifying and documenting the construction of 2 new coastal structures built between 2013 and 2018.
- Mapped abrasion and accretion areas along the northern coast of Central Java, comparing data from 2013, 2017, and 2018 to identify trends and inform mitigation strategies.

## **ACTIVITIES**

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### **Ikatan Mahasiswa Studi Offshore (IMSO) Indonesia**

*Human Resources and Development*

Organized the Petroleum Camp (PETROCAMP) sponsored by Premier Oil and ExxonMobil

### **Surveyor of Ocean Area (SONAR) Universitas Diponegoro**

*Partnership and Public Relations*

Fostered relationships by organizing roadshows at top universities in Indonesia

## **SKILLS**

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- Shipping & Logistics: Inventory Monitoring, Import Documentation (BL, COO, CIPL, LS)
- Data Analysis : SQL, Python, IDL, Looker Studio, Tableau, Microsoft Power BI
- GIS & Mapping : ArcGIS, SeaDAS, Google Earth, Ocean Data View (ODV)
- Front-End : HTML, CSS, JavaScript
- Technical Tools : Microsoft Office, Notion, Primavera

## **PROJECT**

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### **OceanoHelper – A website for Oceanography (2025)**

*HTML, TailwindCSS, JavaScript*

Developed a website for oceanography, featuring data computation and visualization tools for marine research.

### **Logistics Teamspace (2024)**

*Notion*

Developed a Notion-based system to efficiently track and manage logistics issues.

### **Company Product Lookup (2024)**

*HTML, CSS, JavaScript*

Created a system to streamline product identification and product details for faster lookup.

### **Time-series Forecasting with XGBoost (2023)**

*Python, XGBoost*

Built a predictive model using XGBoost to forecast demand, improving supply planning.

## **ACHIEVEMENT**

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### **Gold Medalist Kompetisi Sains Indonesia – Geografi (Held by POSI Indonesia)**

Demonstrated expertise in geographic and environmental sciences.