

JOHN RAFAEL MENDEGORIN

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SKILLS

- Programming Languages: JavaScript, Python, C#, SQL
 - Frameworks: React, Flask, FastAPI, .NET Framework, Material-UI, Dash, WinForms
 - Technologies: PostgreSQL, SQL Server, SQLAlchemy, NLTK, Plotly, Git, Postman, Figma
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EXPERIENCE

Full-Stack Developer Intern | PetroEnergy Resources Corporation **May 2025 - July 2025**

- Contributed to ESGDash, an ESG monitoring platform, as part of the development team
 - Gained hands-on experience with React and FastAPI while implementing features for economic metrics tracking
 - Developed CRUD functionalities for economic data and generated data visualization from the data
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PROJECTS

Web-Based Institutional Repository with Data Analytics and Knowledge Graph

- A comprehensive platform for Mapúa MCL researchers to gather, store, analyze, and share research data
- React, Flask, PostgreSQL, SQLAlchemy, Dash, Plotly, NLTK, Material-UI

ESG Dash

- A full-stack dashboard application for tracking and visualizing environmental, social, and governance metrics for energy companies
- React, FastAPI, PostgreSQL, Material-UI, Recharts

Procurement and Inventory System

- A Windows-based desktop application that streamlines procurement workflows with integrated email notifications and comprehensive reporting capabilities
 - C#, .NET Framework, WinForms, SQL Server
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EDUCATION

Bachelor of Science in Computer Science

2021-2025

Mapúa Malayan Colleges Laguna

- Software Engineering
 - Introduction to Data Analytics
 - Web Systems and Technologies
 - Machine Learning
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ADDITIONAL INFORMATION

- **Languages:** English, Tagalog
- **Certifications:** CompTIA IT Fundamentals + (2024), Learning Python for Data Analysis and Visualization (2024), Introduction to Git and Github (2025), The Complete SQL Bootcamp: Go from Zero to Hero (2022)