

Shieryl Tendilla

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SUMMARY

Data Engineer with full-stack experience, building high-volume ETL/ELT pipelines, scalable data models, and automated reporting solutions. Skilled in SQL, Python, dbt, Docker, and warehousing, with hands-on experience supporting production workflows processing 20M+ records and a 1M-record capstone. Recently completed the highly selective FTW Data Fundamentals program and eager to apply my skills to meaningful, high-impact projects.

EDUCATION

Pamantasan ng Lungsod ng Maynila

Bachelor of Science in Computer Science | Manila, Philippines | 2021 – 2025

- GPA: 1.5 | Student Achiever Awardee 2025
- Student Council Member – CISTM 2024 – 2025 | Officer – PLM Computer Science 2021 – 2025

FTW (For the Women) Foundation

Data Engineer Scholar | Game Changer Awardee | Aug 2025 – Nov 2025

- Comprehensive training across the full data lifecycle: ingestion, modeling, warehousing, and visualization.
- Gained hands-on experience designing and deploying **ETL/ELT workflows** utilizing **dbt, dlt, Docker, Python, and SQL** for data transformation and production readiness.
- Focused on applying best practices in **data ethics, database design, and data validation**.
- Designed and deployed a full analytics pipeline processing over **1 million record synthetic datasets**.
- Earned Advanced Datacamp certifications in SQL, Python, Data Engineering, Data Warehousing, and Excel.

TECHNICAL SKILLS

- Databases & Data Engineering:** SQL (Advanced), Python, dbt, dlt, Data Warehousing, Data Modeling, Database Design, Docker, Kubernetes, MySQL, MongoDB, SQLite
- Data Processing & Quality:** ETL/ELT Development, Data Testing, Data Validation, API/Data Integration, Automated Monitoring, Production Pipelines
- Analytics & Visualization:** Exploratory Data Analysis (SQL & Python), Reporting Automation, Advanced Excel, Operational Dashboards
- DevOps & Mgt Tools:** CI/CD, Git/GitHub, Jira, Notion
- Web & Backend (Supporting Skills):** Laravel, Flask, REST APIs, JavaScript, Shopify Liquid

EXPERIENCE

Persuasion by Incubeta Global | Software Developer (Data and Technology Team) – Freelance | Aug 2025 – Present

- Simultaneously supporting **data engineering** and **web application development** for multiple client projects.
- Collaborated with Datalaksa's data engineering & analytics team to develop custom CDPs and data warehouses handling over **500 million annual transactions**, driving unified customer data solutions.
- Developed and enhanced client-facing websites and internal tools using **Laravel, PHP, JavaScript, Shopify Liquid, and REST APIs**, improving performance, usability, and data accessibility.

Easybus PH Inc. | Software Developer – Freelance | May 2025 – Aug 2025

- Integrated frontend views with backend APIs for real-time data processing across **60k+ records**
- Built and maintained a CI/CD pipeline to automate testing and deployment, improving release efficiency.

SELECTED PROJECTS

FTW Program Capstone: Agriculture Tech Analytics Pipeline

Data Engineer | Oct 2025 – Nov 2025

- Built an end-to-end ETL/ELT pipeline using **Python & SQL** to process and analyze **1M+ agricultural transaction records**.
- Integrated data via web scraping, APIs, external files, and PDF parsing into a unified data warehouse.
- Implemented dbt-style data tests, schema validations, and transformation checks to ensure reliability.
- Worked with stakeholders to gather requirements, present insights, and communicate technical findings clearly.

MyNaga App (commissioned by the Local Government of Naga)

Mobile Developer | May 2025 – Aug 2025

- Developed a city-wide transparency and public service app enabling residents to access city services, track requests, submit concerns, and receive real-time updates.
- Designed scalable, modular UI components and integrated real-time REST APIs for service requests and user submissions.
- Implemented secure authentication and backend connectivity with robust error-handling and fallback states.
- Published on **Google Play and Apple store**, achieved **over 20,000 installs and 16,000 active users** upon launch in August 2025.

CERTIFICATIONS

- Data Engineer Associate** - [DataCamp 2025](#)
- Data Analyst Specialization** – [IBM 2025](#)
- Cybersecurity Essentials** – [CISCO 2023](#)
- Introduction to Cybersecurity** – [CISCO 2023](#)