

Anthony Estrada

Data Evangelist | Data Engineer | Data Analytics
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Links

Portfolio: <https://www.aze.io>
Linkedin: <https://linkedin.com/in/esthony/>
Github: <https://github.com/Tutuldot/>

Skill

Programming

C#, Python, Java, Javascript, Typescript, SQL, PLSQL

Expertise:

ETL, ELT, Data Migration, Data Warehouse, Data Lake, Data Analytics, Reporting, AI

Libraries and Tools

Pandas, Jupyter, PowerBI, Azure, AWS
Bedrock, Dockers, Synapse, Databricks,
Data Factory, Fabric, Talend, SSIS, SSRS,
Langchain

Certifications and Badge:

Microsoft Fabric Skills
Microsoft – Jun 2024

Azure Data Fundamentals
Microsoft – May 2024

Google Advance Data Analytics
Google – August 2023

School Attended:

Jose Rizal University
BS in Information Technology
2005-2009

Latest Projects

Airflow Implementation
STMicroelectronics – Mar – June 2024

Message Categorizer
OTaxi – June - July 2024

Tiktok Shop ETL
Upwork – December 2023 – March 2024

Microsoft Fabric Implementation
STMicroelectronics- June 2023 - Present

Work Experience:

STMicroelectronics | Senior Engineer – Data Science and Analytics Nov 2022 – Present | Manufacturing Industry | Laguna, Philippines

- **Researched and produced solution to help discover Equipment usage costs savings of over 200,000 USD and improved equipment efficiency tracking**
- Collaborated and engineered 2 new software products using Python to help monitoring of machine logs, validate data and anomaly detection
- **Independently improved major bottlenecks in algorithm and metric processing of Oracle MES Server by decreasing run time by 60% to 90%**
- Implemented self service reporting solution that increased productivity of every teams working with data
- Manage data engineering team with 5 members in implementing data solutions

HIGHLIGHTED PROJECTS:

- **Overall Equipment Efficiency Report**
 - Outlined a new data warehouse and ETL to meet business requirements
 - Automated external reporting and alert system
 - Developed algorithms to detect inefficient equipment across 5000 machines
- **Self Service Reporting Solution**
 - Outlined a new data warehouse and ETL to meet business requirements
 - Designed MariaDB database and python system to manage six algorithms
 - Automated external reporting and alert system to provide an actionable list of equipment to monitor
 - Developed algorithms to detect inefficient machine across 5000 machines

Asurion Hong Kong LTD | Business Intelligence Lead 3 Nov 2016 – Nov 2022 | Manufacturing Industry | Laguna, Philippines

- **Successfully lead and completed 3 big data and platform migration.**
- Engineered new software products using Python and C# to that improved the way of working and productivity of supply chain and production departments
- **Implemented data warehouse for reporting solutions**
- Established development standards for SQL, PowerBI and Data Warehouse

Nityo Infotech | IT Consultant

Dec 2012 – Nov 2016 | Manufacturing | Manila, Philippines

- **May 2016 – Nov 2016: Deployed at Asurion Hong Kong LTD as Business Intelligence developer. Handled end-to-end development of reports**
- Dec 2012 – May 2016: Deployed at Sun Power Corporation to handle migration for MES reports

Isuzu Automotive Dealership Inc | System Analyst / Programmer Sept 2012 – Dec 2015 | Sales & Finance | Manila, Philippines

- **Completed the data migration project to consolidate 3 different ERP System**
- Independently improved major bottlenecks and eliminate database lockup in MS SQL Server by implementing data warehouse and data purging that significantly increases performance. Eliminated transactions loses and downtime cost of 100,000 USD yearly.
- **Lead the conversation of current ERP system from window based to web based application.**