# Cyrel Jude D. Barra

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## Education

**University of Saint Louis - Tuguegarao**  – Bachelor of Science in Information Technology                 June 2025

## Skills

**Data Analysis**: SQL, Excel, Power BI, Python

**Programming**: C#, .NET Framework

**Database Management**: SQL Server

**Software & Tools**: Microsoft Office, GitHub, Notion

**Soft Skills**: Attention to detail, problem-solving, time management, communication

## Experience

**Software Engineer Intern -**  Philippine Spark Security Infoplant Corporation – Quezon City          Feb 2025 – May 2025

- Created a desktop app for managing inventory using C# and .NET Framework, making it easier to track and manage products.
- Set up real-time inventory updates, so users always know what's in stock and help reduce errors in tracking products.
- Automated the process of generating inventory reports, giving users instant insights into stock levels.
- Delivered the complete project independently, demonstrating strong problem-solving skills and self-management throughout development.

## Projects

**Data Warehouse and Analytics**                    https://github.com/mizunate-tech/sql-data-warehouse-project

- Designed and built a modern data warehouse using SQL Server to combine sales data from ERP and CRM systems, making it easier to generate analytical reports.
- Cleaned and addressed data quality issues, ensuring the accuracy and consistency of the analysis.
- Developed SQL-based analytics to provide insights into customer behavior, product performance, and sales trends, driving data-informed decision-making.

**SQL Data Analytics**                    https://github.com/mizunate-tech/sql-data-warehouse-project

- Developed SQL-based analytics to generate detailed insights on customer behavior, product performance, and sales trends.
- Imported and cleansed CSV data from multiple sources, resolving data quality issues to ensure accurate analysis.
- Documented the data model and analytics workflows to support both business stakeholders and analytics teams.