

DANICA MAE DE GUZMAN

WEB & UI/UX DESIGNER | FRONTEND DEVELOPER |
DATA ANALYST

CONTACT



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Danica Mae De Guzman



Lucena City, Quezon, Philippines

SKILLS

User-Centered Design

Interaction Design

Wireframing & Prototyping

HTML5/CSS3

Javascript

Data Visualization

Data Cleaning & Preparation

Predictive Analytics

SQL/Database Management

EDUCATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

DALUBHASAAN NG LUNGSOD
NG LUCENA

(FORMERLY CITY COLLEGE OF LUCENA)

CERTIFICATIONS

Cisco Networking Academy

Certificate of Course Completion

Introduction to CyberSecurity

Feb 2024

PROFILE SUMMARY

Highly skilled UI/UX designer with extensive experience creating user-centered, engaging, and intuitive digital experiences in the IT field. Proficient in front-end development (HTML, CSS, JavaScript), with proficiency using technologies, that involved developing and demonstrating a solid understanding of analytical and problem-solving skills. I ensure each project is both aesthetically compelling and technically robust. Now expanding my expertise into data analysis, I excel at turning large data sets into actionable insights that drive smarter decisions, streamline processes, and predict future trends. Let's collaborate to bring your vision to life while through innovative data-driven solutions for success.

PROJECT HIGHLIGHTS

Iron 59 Glass and Aluminum Works

Role: UI/UX Designer & Frontend Developer

Leveraging a comprehensive approach, my capstone project aimed to enhance supply chain efficiency by integrating supplier selection, production planning, and project management with sales analytics. This data-driven solution is designed to provide measurable improvements in both operational performance and financial outcomes for IRON59 Glass and Aluminum Works.

- **Cost Reduction:** Through the optimization of raw material usage, the project is projected to reduce material costs by 15%, resulting in estimated savings of ₱150,000. By employing precise supplier selection and aligning procurement with production needs, waste is minimized and materials are utilized more effectively.
- **Revenue Growth:** By enhancing production planning and aligning it with sales analytics, the system is forecasted to increase sales by 25% during peak demand periods such as Q4 of 2024, with a revenue boost of ₱250,000. This integration improves inventory management and production flow, ensuring products are available when needed, and demand is met without delay.
- **Operational Efficiency:** The project's integrated approach to project management ensures that resources are allocated efficiently across all departments. With enhanced coordination, we expect to achieve 90% accuracy in meeting project deadlines, improving overall productivity while reducing delays.

This project provides IRON59 Glass and Aluminum Works with a scalable solution for streamlining their supply chain, ensuring they remain competitive and agile in responding to customer demands while enhancing profitability and resource use.

PRESENT-2024