REY DENZO

WEB & APPLICATION DEVELOPER

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CAREER SUMMARY:

A dedicated Computer Science student with a track record of success in programming competitions and freelance digital product development. Skilled in bridging the gap between technical logic and user design. Eager to apply my experience in building predictive tools and custom software to a professional internship role

RELEVANT PROJECTS:

OPAS Mobile Application
Online Place for Agricultural Services in Biliran Province

- Built a mobile-based digital marketplace for the Office of the Provincial Agriculturist Services in Biliran, connecting local farmers directly to consumers.
- Integrated an advanced demand and price forecasting feature to analyze historical sales data and provide data-driven insights for crop planning.
- Engineered a multi-user dashboard system supporting a "Sell to OPAS" feature, enabling verified farmers to transition from retail selling to bulk government procurement at regulated prices.

DecisionPulse
A Web-Based Course Acceptance Probability System for Incoming Freshmen Students

- A data-driven web application designed to help incoming first-year college students estimate their admission probability into specific college programs.
- Engineered a prediction model trained on a unique dataset of historically accepted students, establishing a high-accuracy benchmark for identifying successful applicant profiles.
- Curated primary research data through targeted surveys of enrolled students, applying data preprocessing and normalization techniques to ensure model reliability.

E-Linangan
A Web Application Platform Aimed to Broaden Student Understanding of the Middle Ages

- Implemented a multi-user infrastructure which includes Student Account Creation and a dedicated Management Dashboards for both administrators and teachers to streamline academic oversight.
- Designed and integrated an interactive UI elements and a gamified assessment modules (quizzes and exams) that will help on student retention.

EDUCATION:

2022 - 2026 | Biliran Province State University
Bachelor of Science in Computer Science | Consistent Dean's Lister

TECH STACK:

- *Languages:* Java, JavaScript, Dart, Python, PHP
- *Frontend:* Flutter, Bootstrap CSS, Tailwind CSS
- *Backend:* Django, MySQL, PostgreSQL, Firebase Firestore
- *AI & Machine Learning:* TensorFlow, PyTorch
- *Others:* GitHub, Git, VS Code, IntelliJ, Antigravity