John Paul Malaca Maceres

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SKILLS

Languages:	Dart, Java, C#, Javascript, SQL, HTML & CSS (Basic)
Libraries & Frameworks:	Flutter, Dart Frog, Spring Boot, Node.js, Express.js
Databases:	Postgres, MS SQL Server
Others:	Git, GitHub, MS Office, Figma

EXPERIENCE

IT Intern · DepEd Legazpi City Division – OJT   **FEB 2025 – JUN 2025**

- Assisted in encoding, organizing, and documenting supply inventory for the Supply Section.
- Led the development of a capstone inventory system by applying real workflow insights.
- Implemented client feedback, fixed bugs, and improved document generation features.
- Set up local server and built a Windows installer to prepare the system for deployment.
- Learned the value of teamwork, adaptability, and building systems that meet real-world needs.

PROJECTS

Full-stack Developer (Capstone) · QR Code Inventory Management and Item Tracking System   **MAR 2024 – JUN 2025**

- Sole developer of a full-stack inventory system used for supply tracking, issuance, and reporting.
- Designed and built backend APIs using Dart Frog and PostgreSQL with modular routing and session-based auth.
- Implemented clean architecture for both desktop and mobile apps using Flutter.
- Handled full development lifecycle - from system design to local deployment and integration.

FLUTTER (DART) · DART FROG · POSTGRES

Full-stack Developer (Academic Project) · Loan Management System   **MAY – JUL 2023**

- Developed a desktop loan management system using .NET (C#) and MS SQL Server.
- Implemented secure login authentication with database validation.
- Designed a dashboard to monitor key metricsL total clients, pending applications, active and overdue loans.
- Created full CRUD functionality for clients, guarantors, and loan officers.
- Built modules for loan application processing (apply, approve, deny, view).
- Developed payment tabs for tracking active and settled loans.

.NET (C#) · MS SQL SERVER

Backend Developer (Exploration) · Fi.nance Tracking API   **MAR – APR 2025**

- Developed a finance tracking REST API using Node.js, Express, TypeScript, PostgreSQL, and Prisma ORM.
- Implemented JWT-based authentication with session tracking and token expiration.
- Structured project using a layered architecture: routes, controllers, middleware, model, types, and utilities.
- Designed a normalized Prisma schema supporting users, accounts, and transaction types (expenses, income, transfer).

NODE.JS · EXPRESS · TS · PRISMA · POSTGRES

EDUCATION

STI College Legazpi · BS Information Technology   **JUL 2025**