Neil Bryan Dingcol

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SKILLS

Languages: HTML5, CSS3, Javascript, C#, Javascript, SQL
Frameworks/Libraries: NextJS, ReactJS, ExpressJS, NodeJS, ASP.Net, TailwindCSS
Databases: Firebase, MySql, PostgreSQL, Azure Playfab
Tools: Git, Github, Unity, Postman, VS Code, Visual Studio 2022, Window Forms

WORK EXPERIENCE

COMPTROLLA TECHNOLOGIES INC.   February 2025 – May 2025
Software Developer Internship

- Built and deployed two Windows desktop applications (WinForms in C#) with SQL Server and Supabase (PostgreSQL) to streamline pharmacy operations across 6 branches.
- Developed an offline-first Purchase Approval Form system to handle inventory and ordering during poor internet conditions; enabled automatic Excel/PDF export, reducing manual entry time by 80%.
- Integrated and merged legacy customer loyalty data with new systems; added point-editing features tied to customer ID, improving record accuracy and enabling personalized rewards.
- Designed and implemented a full-stack business registration dashboard using Next.js, React, Tailwind CSS, and Express.js; enabled real-time admin approval workflows for companies and service providers.

PROJECTS

JAVAESCAPE: AN INTERACTIVE APPROACH TO PROGRAMMING THROUGH E-LEARNING (CAPSTONE)   [Github](#)

- Built an interactive 3D game in Unity (C#) designed to teach students Java and programming concepts through a level-based, gamified learning experience
- Designed multiple puzzle-based levels with increasing difficulty, each ending in a quiz to reinforce concepts and assess understanding
- Integrated Azure PlayFab to manage user authentication, save player progress, and store in-game data across sessions
- Enabled real-time tracking and reporting of quiz scores and game performance, allowing professors to monitor student learning through PlayFab's backend tools

MangaHilaw – Manga Reading Website   [Github](#)

- Developed a full stack website using Next.js, Express.js, Tailwind CSS, and PostgreSQL to browse and save manga content via a public REST API
- Implemented CORS proxy handling for smooth API integration and built secure authentication with Supabase Auth
- Designed and integrated backend features to support bookmarking, commenting, and creating custom manga lists using Supabase and PostgreSQL

TZone Tracker   [Github](#)

- Developed a team timezone tracker using React.js, Tailwind CSS, Express.js, Vite, and PostgreSQL for remote team coordination
- Implemented features to add team members, track their current time zones, and determine real-time availability for scheduling meetings
- Built a smart availability matching system to highlight optimal meeting hours based on overlapping time zones across the team

EDUCATION

Bulacan State University Philippines – Hagonoy Campus   Hagonoy, Bulacan
Bachelor of Science in Information Technology   July 2025
      Cumulative GPA: 1.50; Cum Laude
      Specialization: Web and Mobile Development