Neilson P. Diñoso

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Objective

Seeking a position in an established organization to leverage my diverse skill set, enhance my capabilities, and contribute my knowledge and expertise.

Education

July 2005- March 2013

Holy Trinity Academy, Balic-Balic, Calabash Road, Sampaloc, Manila, Metro Manila –

Elementary

In this time span , I joined organizations like:

- Boy Scouts Of The Philippines
- Computer Wizards of Holy Trinity Academy

July 2013 - March 2015

Holy Trinity Academy, Balic-Balic, Calabash Road, Sampaloc, Manila, Metro Manila –

High School (Grade 9)

I have maintained the organizations that I have joined :

- Boy Scouts Of The Philippines
  -As A Senior Scout
- Computer Wizards of Holy Trinity Academy
  -As Computer System Servicing Leader

July 2015- April 2019

Antonio A. Maceda Integrated School (Grade 10 – Grade 12)

- Joined 2015 District Technolympics
- Achieved 1st Honor in 11th Grade
- Graduated with Honors in Grade 12 - ICT Tech-Voc

July 2021- Present

Technological Institute of the Philippines (1st year – 3rd year BS CpE)

- Developed a functional mobile application to help farmers connect to buyers to sell their products in their area
- Developed a React Native mobile application that connects to multiple APIs in Ethereum and Solana, retrieving wallet accounts and storing transaction data in a MySQL database. The application fetches data using an Express.JS API and secured with JWT for The BLOKC Hackathon 2023 Competition

Experience

May - June 2019

Philippine Statistics Office– Intern

As an Intern in the Philippine Statistics Office, I accomplished tasks that contributed to their workforce like:

- Encoding Legal Certificates into their database
- Presented Progress Reports of 2015 Population Census

September 2023 - Present

Freelance

As a Freelancer I did assorted programming tasks, mobile applications and middleware such as:

- An Inventory Management System leveraging MySQL for backend and Express API to handle ingredients for a "Halo-Halo" shop. This includes tracking, monitoring, and displaying ingredients that need restocking, replacement, and consumption, secured with JWT.
- Developed a JSON parser Express API for a Weather Control IoT system, which included Humidity, Temperature, and Gas sensors. Successfully gathered sensor data from ThingSpeak and saved to a MySQL Database
- Developed an Express API for a Trash Collection System, which is part of an IoT system using Ultrasonic and Clap Sensors. This system also includes a React frontend to display the fullness of the trash can and the open status of the bin
- Currently developing a Step Counter React Native Mobile App that tracks user's location and rewards them for their steps, using Google Firebase as the backend. Tasks completed so far include setting up the basic structure of the app, UI/UX Design with alternate design options, user authentication and user dashboard
- Developed a website for VetSharp, with appointment system Tasks completed so far includes Product Management and Service Management, made with Next.JS and Google Firebase

November 2024 - Present
Freelance – LRY Marketing

- Currently developing developing backend systems using MySQL and Express for RESTful API

Skills

Computer Related

- **Programming Languages**
    - Java, C++, C#, Javascript, Oracle, MySQL

- **Troubleshooting**
    - Software and Hardware

- **Front End Development**
    - Web Development (React.js, Next.js, Vue.js)
    - Mobile Development (React Native, Android Studio)

- **Back End Development**
    - Database Management
        - SQL Database
            - Oracle
            - MySQL
            - MS Access
        - NoSQL Database
            - Google Firebase

- **Application Programmable Interface (API) Development**
    - Node.JS
        - Express
        - Axios
        - JSON Web Token

- **MS Office**
    - Word, Excel , Powerpoint, Access and other similar apps

- **Video and Photo Editing**
    - GIMP, Adobe Photoshop, Hitfilms Express, Da Vinci Resolve

- **Blockchain Development**
    - Certified Solana Developer (July 2023 TheBLOKC Solana Developers Bootcamp)
        -Developed an Decentralized App that is connected to Solana Network
        -Deployed an NFT to Solana Network
    - Ethereum Network
        -Deployed an NFT Collection (Testnet)

Misc.

- Verbal and type-written communication skills;
- Detail-oriented and meticulous in task execution
- Strong problem-solving abilities
- Sense of humor that fosters a positive and collaborative work environment