

# John Louie Matienzo

Software Developer

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## EXPERIENCE

### **Volenday Philippines Inc. (ahaStudio), Makati — Jr. ahaMatic Engineer**

OCT 2021 - MAY 2025

Research on AI model fine-tuning, agentic AI app development

Develop working and reliable web and mobile applications based on client specifications and demands.

Create POC projects, implement designs and functionalities provided by client

Maintain deployed software, and fix bugs as they arise.

### **Questronix Corp., Makati — Practicum**

JUNE 2018 - JULY 2018

Develop working and reliable backend API for a training project specified by the company with fixed requirements and specifications.

Help troubleshoot frontend integration to backend systems.

Provide help and input in designing database implementation.

## EDUCATION

### **University of the Philippines, Los Baños — BS Computer Science — DOST Merit Scholar**

AUGUST 2015 - MAY 2020 (4th year, unfinished)

## RECENT PROJECT

### **next-tfjs-demo — Web Based Image Classifier**

Next.js, TensorFlow.js, MobileNet

A web-based image classifier that detects whether a fruit is rotten or fresh. The model leverages a pre-trained MobileNet feature extractor to process uploaded images, followed by a custom classification layer trained to categorize the extracted features into 'rotten' or 'fresh' classes.

## SKILLS

Front End Web Development

Mobile App Development

Software Development

MySQL and NoSQL Database Management

AI Application Development

## LANGUAGES, FRAMEWORKS, & TOOLS

Python, Java, C, Go

Next.js, React.js

Dart/Flutter

MariaDB, MongoDB

Tailwind CSS, ShadCDN, Material UI, Mantine UI, Ant Design

git, bash, VS Code

LangGraph, smolAgents