

Allan Adan.

Software Developer · AI Automation Specialist

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Software Developer & AI Automation Specialist with **5+ years** building scalable backend systems, full-stack web & mobile apps, and AI-powered automations. I architect ERP platforms, REST APIs, and agentic workflows that cut manual work by **60%+**, and I build fast with AI-assisted ("vibecode") development. **Magna Cum Laude** IT graduate focused on measurable business impact.

01. Tech Stack

// Languages

PHP JavaScript Dart Node.js Python ABAP
Java C/C++

// Frameworks

Laravel Livewire Flutter React Vue 3
Custom MVC

// AI & Automation

OpenAI Agent Builder n8n Make Zapier Vibecode

// Data & Tools

MySQL PostgreSQL Drift/SQLite Supabase Riverpod
REST APIs Git

02. Featured Work

AI AUTOMATION · RESCALE MEDIA GROUP

End-to-End Automation System

Full AI-driven creative-production & ad-ops platform for Rescale Media Group.

100+ workflows
57 live in prod
60%+ less manual

n8n OpenAI Gemini ClickUp API PostgreSQL

ENTERPRISE · ICON

Internal ERP System

Integrated ERP — Inventory, Purchasing, AP/AR, Stock — across multiple branches nationwide.

5 branches
200+ employees
50% less dup code

Laravel MySQL Repository-Service

MOBILE · ICON

Mobile Inventory App

Barcode scanning & multi-level approval workflows for fast, accurate stock movement.

70% faster txns
60% fewer errors

Mobile Barcode Approvals

FULL-STACK · GLOBAL ONE

Enterprise Web Apps & APIs

Business-critical apps & secure REST APIs with Zendesk + PesoPay; custom ticketing for 3,000+ users.

3,000+ users
70% faster load
40% less manual

PHP Custom MVC Zendesk PesoPay

03. Automations I've Built 100+ n8n workflows · 57 Live

▶ Competitor Intelligence

- ▶ Weekly Meta Ads Library scraper
- ▶ Scheduled product-research system
- ▶ Competitor data & log pipelines

Apify n8n

▶ AI Creative Generation

- ▶ Batch image gen with GPT-Image-1
- ▶ AI creative performance analyzer
- ▶ Auto batch-gen for cross-channel

GPT-Image-1 Gemini FAL AI

▶ Pipeline Orchestration

- ▶ Product → week → production gen
- ▶ Recursive field propagation
- ▶ Automatic status roll-ups

ClickUp API n8n

▶ Approval & Routing

- ▶ Required-field validation gates
- ▶ Auto-resume when blockers clear
- ▶ Cross-department status gating

n8n ClickUp

▶ AI Agents & RAG

- ▶ Researcher & PM agent blocks
- ▶ Meeting notes → knowledge base
- ▶ Marketing agent w/ web search

OpenAI Gemini RAG

▶ Data & Reliability

- ▶ Meta Ads → dashboard → PostgreSQL
- ▶ Exchange-rate & DB auto-fill
- ▶ Error handler → Discord alerts

PostgreSQL Discord

04. Apps I'm Building Flutter · offline-first · → App Store & Play

Owly

● In development

Offline-first event management for hosts & pro planners.

RSVP tracking, budgets, vendors, tasks, calendar, reminders & ICS export — fully offline, with Pro unlock + optional cloud sync.

Flutter Drift/SQLite

Offline-first

Tantan

● In development

Private, local-first envelope budgeting for everyday money.

Double-entry ledger, receipt OCR, NL quick-add, split transactions, CSV/PDF export, PIN-locked profiles. Nothing leaves the device.

Flutter Drift/SQLite OCR

Laki

● In development

Offline-first POS — get paid via GCash, Maya & QR Ph.

One adaptive app for goods, services or hybrid businesses: catalog, invoicing, inventory, CRM & e-wallet checkout that settles to the owner's bank.

Flutter Rivenpod Supabase

PayMongo

05. Code & Experiments

▶ work-log-automation

GitLab + JIRA + Excel automation.

● Python

▶ chirper-livewire

Real-time app in Laravel Livewire.

● PHP

▶ reactjs-job-portal

Vite + ReactJS SPA CRUD.

● JavaScript

▶ laravel-book-review

Laravel 10 review app.

● PHP

▶ vuejs3-fundamentals

Vue 3 components & reactivity.

● Vue

▶ nodejs

Node.js backend practice.

● JavaScript

More at github.com/allanadan05

06. Experience

AI Automation Specialist

Aug 2025 — Present

Rescale Media Group FZCO · Freelance · Remote

Built 100+ n8n workflows (57 live) across competitor intel, AI creative generation, pipeline orchestration & approval routing — cutting repetitive work 60%+.

Backend Developer

Sep 2024 — Aug 2025

ICON Equipment Solutions Philippines, Inc.

Designed an internal ERP and mobile inventory app across 5 branches; led a refactor cutting duplicate code 50%.

Software Developer

Aug 2021 — Aug 2024

Global One Integrated Business Services (Megaworld Corp.)

Shipped web apps & REST APIs for 3,000+ users; integrated Zendesk & PesoPay; built a custom ticketing system.

Software Developer, Intern

Mar — Jun 2021

Brightideas Information Technology Corp.

Redesigned the company landing page for a US-focused EdTech firm.