Harvey Christian Pacleb

Full-Stack Engineer · AI Automation

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Parañaque City, Philippines · Open to remote

SUMMARY

Software engineer with 5+ years building and operating full-stack web products and automation. Laravel/PHP and TypeScript/React in production; Python automation, LLM APIs and RAG pipelines on the side. Comfortable owning a feature from specification through release and production support.

EXPERIENCE

Software Engineer **Aug 2021 – Present**
ObjectBright Philippines Inc.

- Build and maintain full-stack web products for global clients — Laravel and PHP backends, TypeScript frontends, and Oracle-backed database and reporting layers.
- Built 40+ custom Python web scrapers with Selenium and Playwright, handling login flows, OTPs and bot detection, with API scraping and JSON-to-Excel export.
- Developed a real-time AI voice/chat agent using the OpenAI API and retrieval-augmented generation (RAG).
- Maintained and debugged a legacy Python 2.7 project that parsed PDFs and Excel files into a database.
- Built full-featured web portals with APIs, microservices and integrated DataTables for interactive UI.
- Upgraded and maintained older Laravel projects, modernizing them to current standards.
- Built an automated code-review workflow integrated with Microsoft Teams using Power Automate.

Technical Consultant **2020 – 2021**
Taliform Inc.

- Built a custom payroll system using Python with Odoo v12 and the OpenERP framework.
- Performed bug fixes and maintained existing system modules; wrote and executed unit tests to ensure module reliability.
- Used a cloud-based GitLab server for version control and collaboration.

Student Intern **2019 – 2020**
Advanced World Systems (AWS Philippines)

- Wrote and submitted test cases to a database for validation and analysis.
- Automated test modules using AutoIt, C# and Selenium; integrated AutoIt and Selenium scripts with the .NET framework.
- Automated common browser interactions and Windows 10 tasks; used a local GitLab server for version control.

PROJECTS

MaiCoach — maimai DX practice companion · maicoach.harveypacleb.com · github.com/hpacleb/maicoach

Full-stack practice planner over a 6,288-chart international catalog: B50 rating math, 1–12 credit session planning, grounded LangChain coaching and bring-your-own-key provider settings. React 19, Express 5, TypeScript, zod, Playwright browser tests, CI, and an nginx/systemd deployment.

Food 21 Services · food21services.com

Production Laravel 13 + Inertia + React site for a Parañaque catering and delivery business: menu catalog, Laravel-backed catering inquiry pipeline with a staff dashboard, technical SEO, sitemap and structured data.

RSS-Bridge open-source contributions · github.com/RSS-Bridge/rss-bridge/pull/3084

Merged a new PHP bridge for the Honkai Impact 3rd SEA news site (+75 lines) and a GMT+8 timezone fix in the Genshin Impact bridge. DOM parsing, HTTP scraping and feed generation.

harveypacleb.com

This portfolio: Laravel 13 + Inertia + React 19, Tailwind CSS v4 design tokens, server-side rendering, typed routes via Wayfinder, and a GitHub Actions build-and-deploy pipeline.

EDUCATION

BS Computer Engineering — FEU Institute of Technology · 2015 – 2020

SKILLS

Languages: PHP, TypeScript, Python, Java, C#, SQL

Data: SQL, MySQL

DevOps: GitHub Actions, GitLab, nginx, Linux

- **Web:** Laravel, React 19, Inertia.js, Tailwind CSS, Node.js, Vue
- **AI & automation:** OpenAI-compatible APIs, RAG, LangChain, Power Automate
- **Practice:** Git, code review, unit and browser testing, technical documentation