

Raymart Marasigan

AI Software Engineer

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SUMMARY

AI Software Engineer with 11+ years shipping production software. I build LLM applications and multi-agent systems in Python and TypeScript with the OpenAI Agents SDK, Pydantic and FastAPI. Co-founder of Dthree Digital, a web consultancy with 500+ delivered projects for clients including Globe, BDO and Novartis.

EXPERIENCE

Senior Software Engineer

Jitera | Remote | Oct 2023 – Present

- Built AI receipt scanning end to end with the OpenAI API for Yubisui, an accounting platform for social-welfare and educational organizations. It turns scanned receipts into financial data in the system at 95% accuracy.
- Led the engineering team on Yubisui's ¥80M redevelopment of a legacy accounting system, and ran delivery with the PM and client.
- Owned the payment gateway for Wondertable, a restaurant reservation and membership platform with 80,000+ users. Also built overseas reservations and scheduled notifications with retryable failure handling across the React Native app (iOS and Android), Next.js web and admin, and NestJS API (4 engineers, 3 QA).
- Built the React front end, about 50 NestJS APIs and AWS serverless functions for Sekisui Heim's production construction-planning and vehicle-dispatch system. The system simulates construction and delivery, including timing and cost (4 engineers, 4 QA).
- Built live reservation and loyalty integrations for Tokyu Stay (34 hotels, about 5,300 rooms in Japan) with the Tripla booking engine and SmartClub membership, using React and webhooks (team of 10).

Co-Founder; Lead Full-Stack Developer (2016 – 2023), Consultant (2023 – Present)

Dthree Digital | Manila, Philippines

- Co-founded a Manila web consultancy and led its development team. The firm has delivered 500+ projects in 10 years for clients including Globe, BDO, Novartis, ADB, IRRI, World Vision and AEON.
- Led technical delivery of goev.ph, the hub of a national EV campaign with BYD, ACMobility and the Department of Tourism: a 22-day, 3,500 km drive across 102 cities that set two Guinness World Records.
- Led full-stack delivery, from requirements to launch, of the Ateneo de Manila University website (Drupal) and the AmCham Philippines website (WordPress).
- Shipped 10+ e-commerce platforms on WordPress, WooCommerce and Shopify, including Spinkie (retail) and InsBoss (subscription hiring of virtual assistants).
- Built back ends and REST APIs in Node.js, NestJS and TypeScript, and front ends in Next.js and React. Set up Git workflows and CI/CD to AWS and Vercel, and mentored and code-reviewed the agency's developers.

Web Developer

Starfish Web Design Philippines | Manila, Philippines | 2013 – 2016

- Built responsive websites for international clients, integrated third-party APIs, and optimized front-end performance to cut page load times. Mentored junior developers through code reviews.

SKILLS

AI engineering: Python, OpenAI API, OpenAI Agents SDK, multi-agent orchestration, tool calling, structured outputs (Pydantic), AI document extraction, prompt engineering, tracing, Gradio, Claude Code, Codex

Back end: TypeScript, Node.js, NestJS, FastAPI, PHP, REST APIs, MySQL, MongoDB, Redis, Supabase

Front end and mobile: Next.js, React, React Native (iOS and Android), Redux, Tailwind CSS

Cloud and DevOps: AWS, Vercel, Docker, CI/CD, Git

CMS and e-commerce: WordPress, WooCommerce, Drupal, Shopify

EDUCATION

Bachelor of Science in Information Technology | Lyceum of the Philippines University, Batangas | 2009 – 2013

LANGUAGES

English (professional working proficiency; remote delivery with Japanese enterprise clients since 2023), Filipino (native)