

Rodney James M. Maisog

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TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, PHP, Java, C, HTML, CSS

Frameworks: React, Next.js, Express, Flask, FastAPI, Laravel, LangChain, PydanticAI

AI & ML: OpenAI API, Gemini API, Anthropic Claude, Ollama, RAG, Prompt Engineering, Hugging Face, ChromaDB

Databases & Cloud: PostgreSQL, Supabase, Firebase, MySQL, AWS, GCP (BigQuery)

Tools & Practices: Git, Docker, Linux, REST APIs, Postman, Agile/Scrum, MCP Integration

PROFESSIONAL EXPERIENCE

AI Engineer (Contract) · LANDinc

April 2026 – Present

- Lead engineer on the firm's RFP intelligence platform: automated opportunity discovery across 10 global procurement portals (SAM.gov, MERX, TED EU, World Bank, ADB, Canada Buys) with multi-gate AI screening, eliminating 10 hours of weekly manual portal review and surfacing 20 qualified opportunities per week for proposal work.
- Built the AI layer end to end: PydanticAI/Gemini agents scoring deep fit against a structured Firm DNA knowledge base, an email-to-dossier research pipeline turning inbound RFP invitations into Go/No-Go briefs, and AI proposal and fee-comparable generation, raising firm-wide operating efficiency by 30%.
- Delivered three production systems from architecture through deployment: RFP intelligence, principals' lead triage with Gmail ingestion, and a multi-tenant SaaS transparency platform, built on FastAPI, Next.js 15, Postgres, and Railway.

Founding AI Engineer · Bscale Labs

March 2026 – Present

- Founding AI engineer on an AI business concierge platform serving 20+ SMEs and large enterprises, processing thousands of customer messages and comments daily across Facebook, Instagram, and SMS channels.
- Built the AI automation stack end to end: a stateless reasoning service on Anthropic Claude with classifier-gated auto-replies, agent-scoped knowledge bases, and real-time inbox routing, plus an AI-assisted booking system that cut operator handling time per booking by 45%.
- Shipped major platform verticals from spec to production, including Meta channel onboarding with historical post import, branch-scoped multi-tenancy for multi-location clients (per-branch agents, knowledge bases, and reply templates), and per-organization feature-flag rollouts.
- Built dispatcher tooling for an emergency-response ecosystem spanning a citizen reporting app, a field responder app, and a dispatch platform, including incident checklists, community-concern triage, and AI-assisted categorization.

Software Engineer · Control Flow Labs

October 2025 – March 2026

- Contributed to the primary development of a unified analytics dashboard integrating eCommerce and ad data with real-time visualization, cutting stakeholder analysis time by 60%.
- Shipped features independently end to end, taking full ownership from requirements gathering through deployment in a fast-paced startup environment.
- Established AI-augmented development workflows using Claude Code agent systems, improving delivery speed and engineering efficiency across the team.

Software Engineer Intern · Springboard Philippines

March 2025 – August 2025

- Built an internal project management system using Laravel and React, autonomously managing the full development lifecycle from design to deployment.
- Collaborated with QA teams on rigorous testing for client-facing applications, ensuring quality and reliability across releases.

Software Engineer Intern · Elinnov Technologies Inc.

September 2024 – January 2025

- Co-developed an AI-powered dashboard monitoring ESG metrics, designing interactive data visualizations to support corporate sustainability decisions.
- Analyzed waste management data and recommended data-driven sustainable strategies, connecting technical analysis to real-world environmental impact.

PROJECTS

Local Brain · Multi-Agent Personal Knowledge System

- Designed an autonomous multi-agent system with file-watching ingestion, search, and chat agents coordinated through custom orchestration logic.
- Implemented a full RAG pipeline with automatic document ingestion, embedding generation, and semantic retrieval via ChromaDB, with Ollama for local LLM inference.

PH Pulse · Philippine Socioeconomic Data Platform

- Architected an end-to-end data platform with Python ingestion pipelines, dbt transformations, and Google BigQuery as the cloud data warehouse, with GenAI-powered insights via Gemini API.

Zen · AI-Driven Personalized Learning Platform

- Integrated Gemini API for RAG-based content delivery with interactive flashcards and progress analytics; 2nd place at ISEAC Hackathon 2025. **Stack:** Next.js, Supabase, Flask.

Iskonek · Real-Time Anonymous Chat Platform

- Developed a real-time messaging app with Supabase realtime, OpenAI content moderation, and friend system features (281 commits). **Stack:** Next.js, React, TypeScript, Supabase.

SCHOOL ORGANIZATIONS

Senior Frontend Developer · AWS Cloud Club PUP Oct 2023 – Present

- Mentored 100+ members on frontend fundamentals; developed and maintained club website with 1,000+ peak visits.

Innovations Team Member · AWSUG Philippines June 2024 – Present

- Developed AWSUG Community Day website using Next.js; helped drive 200+ ticket sales through user-friendly design.

EDUCATION

Polytechnic University of the Philippines Manila · BS Computer Science 2022 – 2026

- Summa Cum Laude (1.14 GWA) | 2nd place, ISEAC Hackathon 2025 | 4th place, PUP Hackathon 2023