

# James Casia

[jamescasia99@gmail.com](mailto:jamescasia99@gmail.com) | [linkedin/james-casia](https://www.linkedin.com/in/james-casia) | [portfolio](#) | [github](#) | [Play Store](#)

## EDUCATION

---

**University of the Philippines**  
*Bachelor of Science in Computer Science*

Cebu, Philippines  
*Aug. 2018 – July 2022*

## EXPERIENCE

---

### Agentic & AI Engineer

March 2026 – Present

*Freelance*

- Architected production-ready multi-agent systems on LangGraph (Planner / Researcher / Coder / Reviewer / Submitter patterns) with human-in-the-loop approval gates between stages.
- Built privacy-first offline RAG pipelines: chunking, embedding, FTS5 + sqlite-vec hybrid retrieval (RRF-fused), entity-aware pre-filtering, and intent-routing between SQL and streaming local LLMs via Ollama.

### Software Engineer

April 2025 – March 2026

*Reap*

*Hong Kong, Remote*

- Designed and implemented an automation for business onboarding workflows and application status tracking. Led the project, developed the API, frontend and third party integrations.
- Built and maintained internal tools to streamline operational and compliance workflows across teams.
- Utilized GPT-based coders to assist in the code writing and review process while implementing Test Driven Development to ensure code quality and reduce development time by 30%.

### Software Engineer (GCrypto)

May 2022 – February 2025

*Philippine Digital Assets Exchange (PDAX)*

*Taguig, NCR, Philippines*

- Built and launched the frontend of GCrypto, a crypto trading mini-app on GCash, scaling from 0 to over 1 million users.
- Integrated multiple APIs to deliver a secure and seamless crypto trading experience.
- Developed and maintained internal web portals for managing clients, users, and operational workflows.

### Software Engineer & Team Lead

June 2021 – December 2021

*Fliptoons*

*Cebu, Philippines*

- Led a 3-person remote team to design and launch a web comic platform funded by Grant For The Web.
- Architected and built the frontend application, growing the platform to 1,000+ users. Utilized Nodejs, Express, Vue, MongoDB stack.
- Oversaw planning, development, and delivery in a fully remote environment.

## PROJECTS

---

**AkShoot.ly** | *Next.js, TypeScript, Supabase, Cloudflare R2, Maileroo*

Apr 2026 – Present

- Built and shipped an end-to-end climbing photography platform with photographer onboarding, watermarked uploads, programmatic share images, content moderation, and templated email automation.
- Designed full stack solo; accelerated delivery with Claude Code agentic workflows.

**Recount.ai** | *Tauri 2, Rust, React, TypeScript, SQLite, sqlite-vec, Ollama*

Mar 2026 – Present

- Built a privacy-first offline desktop app that turns Meta export zips into a searchable, queryable personal memory engine.
- Implemented hybrid retrieval (BM25 + sqlite-vec, RRF-fused), entity-aware query planning, and on-device LLM Q&A via Ollama — zero telemetry, zero cloud calls.

## TECHNICAL SKILLS

---

**Languages:** Python, Dart, TypeScript, JavaScript, Java, SQL, C++

**Frameworks:** Node.js, Flutter, React.js, Vue.js, Express, Serverless

**Cloud & DevOps:** AWS, Serverless, Google Cloud, Azure, Docker

**ML & AI:** LangChain, LangGraph, MCP, PyTorch, Tensorflow, Claude Code