

# Jeryl Donato Estopace

## Software Engineer — Financial, Legal & AI Systems

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## SUMMARY

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Software engineer with thirteen years inside financial systems — fund accountant at JPMorgan Chase, then five years as a financial-software specialist resolving accounting and portfolio-management issues at SS&C Advent and NetSuite (Oracle), now shipping production systems where correctness is the product. Built a venture-fund accounting platform on Elixir + Phoenix LiveView + PostgreSQL, took a legal-tech RAG system from POC to production with AWS Bedrock and Claude, and shipped the Philippines' first set of complete payment integrations for a major crypto exchange. Currently also shipping a local-first browser accounting book and an iPhone financial-planning app, both live.

## EXPERIENCE

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### Elixir / Phoenix / LiveView Developer — Allocator One GmbH

*Apr 2025 – Present · Venture-capital fund accounting platform*

- Architected the financial accounting system on Elixir, Phoenix LiveView, and PostgreSQL.
- Designed a role-based document workflow with PDF field placement, LibreOffice integration, and controlled e-signature.

### Software Engineer — LawAdvisor Ventures

*Mar 2022 – Mar 2025 · AI-powered legal technology platform*

- Took the company's first RAG system from POC to production using Elixir, AWS Bedrock, pgvector, and Claude 3.7 Sonnet.
- Integrated additional LLM providers (Hugging Face, OpenAI) into production microservices alongside the Bedrock + Claude RAG path.
- Architected full-stack legal-document tooling with Phoenix backend and JS/Tailwind frontend in containerized environments.
- Established the team's vector-search and semantic-retrieval patterns.

### Associate Software Engineer — PDAX (Philippines crypto exchange)

*Dec 2020 – Mar 2022 · Payment infrastructure*

- Shipped GrabPay, GCash, and UnionBank integrations end-to-end, eliminating manual settlement work and enabling real-time settlement.
- Redesigned the customer payment portal across deposit and withdrawal flows.
- Built on React + TypeScript with Node.js + PostgreSQL backends; deployed as Docker microservices on AWS.

### Technical Support Engineer — NetSuite (Oracle)

*Aug 2017 – Nov 2020 · Enterprise cloud ERP*

- Resolved customer concerns across multi-book accounting, revenue recognition, and journal-entry workflows.
- Escalated and documented code-level defects affecting financial calculations to global engineering teams, providing reproducible cases the development teams could act on directly.

### Financial Software Senior Specialist — SS&C Advent

*Mar 2015 – Aug 2017 · Geneva portfolio management software for global financial institutions*

- Resolved portfolio-valuation and investment-accounting concerns by reading Linux VM environments, running SQL queries, and tracing C# server logs.
- Translated complex accounting scenarios from clients into reproducible bug reports the engineering teams could action directly.

## Fund Accounting Specialist — JPMorgan Chase

Nov 2012 – Mar 2015 · BlackRock Segregated Funds → Alternative Investment Services (Bank Loans)

- Moved laterally from Transaction Processing Specialist (BlackRock Segregated Funds) to Fund Accounting Specialist on the Alternative Investment Services — Bank Loans desk, broadening exposure across fund structures from segregated equity into bank-loan portfolios.
- Generated portfolio and NAV reports for institutional fund clients on Geneva, Bloomberg Terminal, COSMIC, and TITAN; automated recurring workflows in Excel macros.

## PERSONAL PROJECTS

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### Ledvo — Local-first browser accounting book · live at ledvo.app

May 2026 – Present

Free local-first accounting book that runs entirely in the browser. Real double-entry mechanics, auto-generated IFRS-aligned closing entries, append-only audit trail, and OBLE draft-0 JSON export/import. SolidJS + TypeScript frontend with a custom WebAssembly accounting engine: Heft, a Zig-based double-entry engine compiled to WASM and using a SQLite ledger file stored in the browser's Origin Private File System. The Heft engine is licensed AGPL-3.0-or-later.

ledvo.app · jeryldev.com/ledvo · build story: jeryldev.com/blog/2026/05/04/building-ledvo-local-first-accounting/

### Namna — Independent iPhone app · live on the App Store

Apr 2026 – Present

Private, local-first iPhone financial planning app for Filipinos. React Native + Expo + TypeScript + SQLite. Money Today planning, What If scenarios, bilingual UI, local snapshots, Excel export. Built and shipped solo from concept through Apple review.

App Store: apps.apple.com/us/app/namna/id6763838525 · jeryldev.com/namna · build story:

jeryldev.com/blog/2026/04/18/namna-financial-independence-for-filipinos/

### sajj — AI workflow analyzer · live at sajj.app

Mar 2026 – Present

Decomposes business processes into steps, scores each against a structured / deterministic / low-risk / no-authority rubric, and exports build specs for Claude Code or Cursor. React 19, Vite, Vercel Serverless Functions, Supabase, Gemini 2.0 Flash.

sajj.app · build story: jeryldev.com/blog/2026/03/29/sajj-ai-workflow-analyzer/

### pyworks.nvim — open source

Jul 2025 – Present

Neovim plugin for Jupyter notebook workflows in the terminal: automatic venv setup, inline plot rendering, cell-execution detection, .ipynb editing. Lua + Neovim APIs.

github.com/jeryldev/pyworks.nvim · build story: jeryldev.com/blog/2026/01/25/pyworks-nvim-python-notebooks/

## SKILLS

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**Languages & frameworks** Elixir · Phoenix · LiveView · TypeScript · React · React Native · Node.js · Python · Lua

**AI/ML** RAG systems · pgvector · AWS Bedrock · Claude API · Gemini · Hugging Face · semantic retrieval

**Data** PostgreSQL · SQLite · Supabase · Ecto

**Infra** Fly.io · AWS · Docker · Vercel · microservices

## EDUCATION

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- **Master in Innovation and Business** — Asian Institute of Management · 2025 – 2027
- **Postgraduate Diploma in AI & Machine Learning** — Asian Institute of Management · 2025 – 2026
- **Diploma in Computer Science** — University of the Philippines Open University · 2018 – 2025
- **Bachelor of Science in Accountancy** — Laguna University · 2007 – 2012

## WHAT COLLEAGUES SAY

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*Jeryl is incredibly passionate about staying on the cutting edge of AI. He's always experimenting, learning, and pushing for the best solutions. Any team stands to benefit from a curious, forward-thinking developer like Jeryl.*

— Raime Jones, Product Lead, Coopah