GIANI BRUSSICH

Applied AI Systems, Forward Deployed Engineering & Enterprise Revenue Analytics

New York, NY · (914) 255-4116 · **gbrussich52@gmail.com**
gianibrussich.com/hire · **github.com/gbrussich52** · **linkedin.com/in/gianib**

10 years in enterprise revenue analytics, financial strategy, and compliance (National Debt Relief, HomeServe, Morgan Stanley AVP, Moody's) combined with **full-stack AI engineering**. I find where executive reports and raw data disagree, then build production software that fixes the workflow. Outside my day job I have shipped 9 live web and iOS products, 5 open-source MCP servers and CLI tools, a deterministic + local-LLM evaluation suite, and a 66-job autonomous agent runtime.

WORK EXPERIENCE

Revenue Analytics Manager, Data and AI · National Debt Relief — New York, NY · 11/2025 – Present

- Manager on the revenue analytics team running operational test-and-learns, KPI diagnostics, and executive dashboards in **Sigma Computing on Snowflake**; build daily workflows with **ChatGPT Enterprise** and **Claude Code**.
- **Lead-Routing Model (6× Tighter Forecast):** Audited achievable forecast error against raw historical records and rebuilt a daily lead-routing model that had not been updated in years; forecasts **more than 6× tighter** and sets daily routing configuration.
- **50-State Compliance Monitor:** Discovered the existing dial-timing monitor only recorded connected calls, missing unpicked-up attempts; rebuilt it on the correct attempt timestamp to flag potential violations across **all 50 states and millions of dials**.
- **Experiment Forensics:** Investigated a mid-test contact-rate drop across every cohort and proved a telecom carrier was marking valid outbound numbers as spam before pickup, preventing leadership from scrapping a working strategy.

Manager, Revenue Management · HomeServe USA — Norwalk, CT · 02/2024 – 11/2025

- Owned monthly financial reporting, revenue forecasting, executive KPI dashboards, and bi-annual budget models for a subscription home-services business while managing analyst workload distribution.
- Built an automated **LLM-backed Excel validation tool** to check campaign ROI models before executive sign-off, cutting manual audit hours and eliminating formula drift.
- Rebuilt **Alteryx** workflows and **Dataiku** ETL pipelines feeding **Tableau** and **Power BI**, resolving recurring upstream data-quality breaks and accelerating monthly close reporting.

Assistant Vice President, Strategy and Solutions · Morgan Stanley — New York, NY · 04/2020 – 09/2023

- Designed and rolled out automated self-service **Tableau** reporting across centralized wealth and operations teams, replacing ad-hoc spreadsheet requests with live forecasting and operational prioritization views.
- Wrote production **SQL** pipelines to clean large financial datasets, automate revenue-cycle analytics for senior leadership, and integrate centralized SaaS wealth-management data.

Senior Operations Analyst (2019–2020) · Business Analyst (2018–2019) · Associate (2015–2018) · Moody's Corporation — New York, NY · 10/2015 – 04/2020

- Led a **Six Sigma** regulatory compliance initiative at Moody's Investor Services that improved operational efficiency by **50%** across cross-functional teams.
- Increased **SailPoint IAM** tool adoption by **38%** above Target Operating Model goals, drove a firm-wide privileged access program to **100% adherence**, and delivered **SOX and Dodd-Frank** regulatory reporting via ServiceNow, Splunk, and SailPoint.

SHIPPED AI SYSTEMS, PRODUCTION PRODUCTS & OPEN-SOURCE CODE

Autonomous Multi-Agent Operating System, Governance & Evaluation Suite — `gianibrussich.com/needed-less-often · github.com/gbrussich52/agent-integrity`

- **agent-integrity (Open Source):** Python stdlib security monitor watching **15,096 agent instruction, skill, hook, and MCP files** (172 unit tests). Fingerprints scheduled jobs and refuses execution when scripts change after human sign-off.
- **Compounding Eval Suite & 66-Job Runtime:** Built a cap-governed 66-job agent runtime across Linux cloud and local Apple M4 Max Ollama (`gemma4:26b`, `gemma3:12b`) with 11 deterministic assertions, RAG grading (`recall@3`, `MRR`, `nDCG@5`), critique-first binary LLM judges, 2,000-resample paired bootstrap 95% CIs, and a 20-item live production auditor across 9 sites (142/180 checks passing).

Property Appraiser Pro & NYRezone (Geospatial & Regulatory AI) — `propertyappraiserpro.com · nyrezone.com · nyrezone-mcp`

- **Property Appraiser Pro:** Residential appraisal workfile platform built on **Next.js, TypeScript, PostgreSQL, and PostGIS** to **MISMO 3.6, UAD 3.6, and USPAP** standards. Ingests 60+ MLS column formats, runs automated QC flags, generates appraiser-signed AI narrative drafts, and exports MISMO XML.
- **NYRezone:** Zoning and unused-FAR feasibility lookup across **858,644 NYC parcels** plus Westchester, Suffolk, and Nassau lot geometry from City Planning records, backed by an open-source read-only MCP server (`nyrezone-mcp`).

Storied & Blessed (AI Commerce, Print Fulfillment & Ad Intelligence) — `storiedandblessed.com`

- Full-stack personalized hardcover book platform (**Next.js, TypeScript, Supabase, Stripe, Resend, Lulu Print API**) with idempotent print locking, automated PDF imposition, skin-tone/edition preflight checks, and a **15-minute support inbox watcher** (cut response lag from 54 min to 15 min) that cancels print jobs and moves orders to a human hold box whenever a buyer emails a change.
- Built a competitive ad-intelligence pipeline querying the **Meta Graph API** (`ads_archive` EU DSA demographic/reach breakdown) and **Google Ads Transparency RPC** with automated landing-page DOM conversion auditing.

MCP Servers, Developer CLI Tooling & Native iOS Computer Vision — `legalaimcp.com · nyclaw.io · shankdit.com`

- **MCP Registry & Packages:** Shipped `com.legalaimcp/directory` in the official MCP registry (50+ legal MCP tools across 7 practice areas), `mainstreet-mcp` on npm (zero-config SMB AI assistant starter kit for 10 trades), and `revenuecat-mcp` + `revenuecat-pulse` (subscription MRR/churn CLI).
- **Developer Tools & iOS:** Built `cusage` and `gusage` (terminal usage CLIs for Claude Max and Grok Build), `neuron` (LLM knowledge base with security classification), `factory-process`, and **Shankdit** (web app + native **SwiftUI** TestFlight iOS app using on-device **Apple Vision** pose tracking and audio strike detection).

TECHNICAL STACK & EDUCATION

AI & Software Engineering: Python, TypeScript, Next.js, React, SwiftUI, Model Context Protocol (MCP), Claude Code, OpenAI / Anthropic / Gemini / ElevenLabs APIs, Local LLM Inference (Ollama, MLX, Apple Vision), RAG, Deterministic & LLM-Judge Evals, Playwright, Git, Linux.
Data, Cloud & Financial Systems: SQL (Snowflake, PostgreSQL, PostGIS), R, Sigma Computing, Tableau, Power BI, Dataiku, Alteryx, Supabase, Vercel, Stripe API, SOX & Dodd-Frank Compliance, Financial Due Diligence (Proof of Cash, SDE Normalization, Lease Risk Modeling).
Education: City University of New York, Queens College · Bachelor of Arts in Economics (05/2015)