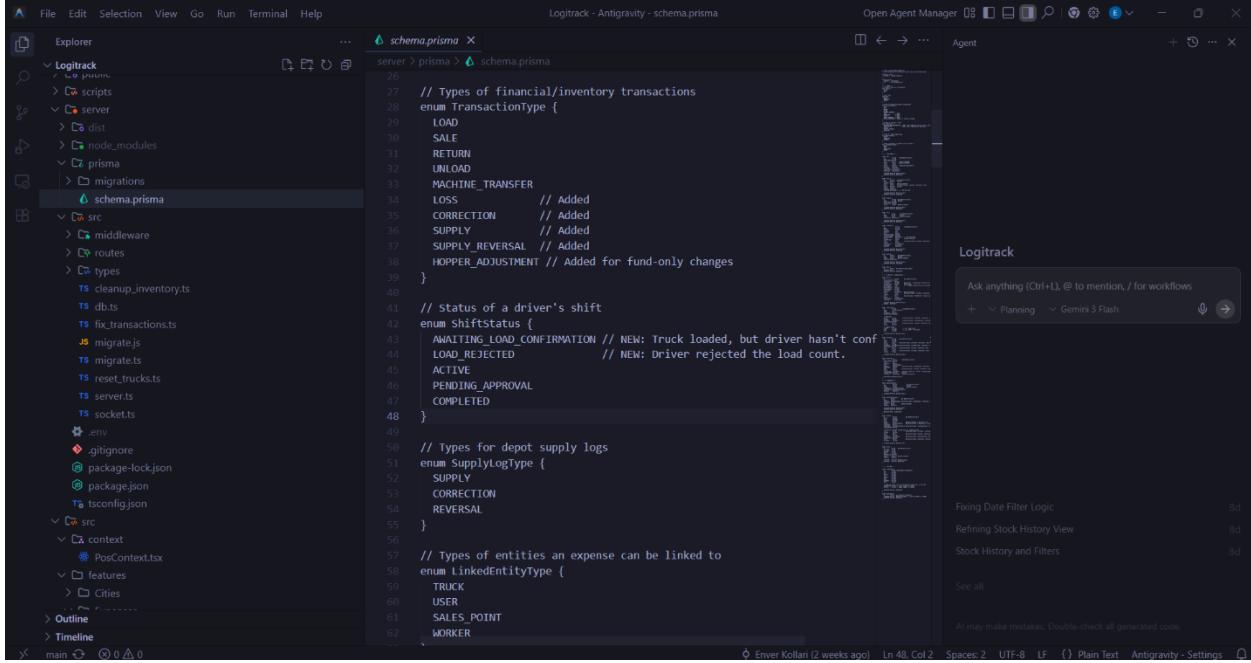


Enver Kollarri | AI-Native Product Engineer & Founder
"I build software that engineers profit."



THE TECHNICAL ARSENAL

- **Frontend:** React 18/19 (TypeScript), Vite, TailwindCSS, Context API, Socket.IO, Recharts, PWA (Workbox).
- **Backend:** Node.js (ESM), Express.js, Prisma ORM, PostgreSQL, SQLite (SQLite3), TSX/ts-node.
- **AI & Orchestration:** Google Generative AI SDK, Antigravity IDE, Gemini 3 Pro/Flash, LLM-driven workers.
- **Production Logic:** Sentry Error Tracking, JWT Auth, Thermal Printing (ESC/POS), Real-time WebSockets, Excel/CSV Data Processing.

I use the Antigravity IDE and Gemini 3 agents to orchestrate complex systems. I focus on high-level architecture and business requirements, while the agents handle the syntax. This screenshot shows the **LogiTrack** backend: a modular architecture using **Prisma ORM** for type-safe database modeling and high-integrity transaction logic. This workflow allows for rapid, senior-level delivery by leveraging 13 years of business seniority to ensure every feature serves the product's ROI.

LogiTrack: Real-Time Multi-Persona Orchestration

The image displays a 4x3 grid of screenshots from the LogiTrack application, illustrating its dual-persona architecture and real-time synchronization.

- Row 1:**
 - Depot Admin View:** Shows a map of locations like Prishtinë, Prizren, Ojilan, Pojë, Ojakovë, Ferizaj, Mitrovicë, and Rahovec. It includes a summary table and navigation links for 'Pasqyra', 'Pristinë', 'Prizren', 'Ojilan', 'Pojë', 'Ojakovë', 'Ferizaj', 'Mitrovicë', and 'Rahovec'.
 - Field Driver View:** Displays a message: "Kamioni është në Depo" (The truck is at the depot). It includes a note: "Ky mjet nuk ka ngarkuar aktive. Pritni që administratori të bëj ngarkimin." Below is a modal for "Ngarko Mjetin" (Load the vehicle) showing a transfer from "Depo te Myri" to "AA 123 BB".
 - Depot Admin View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
- Row 2:**
 - Depot Admin View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
 - Field Driver View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
 - Depot Admin View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
- Row 3:**
 - Depot Admin View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
 - Field Driver View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
 - Depot Admin View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
- Row 4:**
 - Depot Admin View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
 - Field Driver View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.
 - Depot Admin View:** Shows a summary table with "Vlera e Stokut" (€ 266.00) and "Shifjet (Arka)" (€ 0.00). It includes a table for "Inventari i Kamionit" (Inventory of the truck) listing items like Espresso, Macchiato, Cappuccino, Latte, and Frappe.

This system manages real-time state synchronization between two distinct user personas: the Depot Admin (left) and the Field Driver (right). Built to handle complex inventory reconciliation, loading cycles, and shift management, these dual-views demonstrate mastery of data integrity and concurrent state updates. This proves the ability to architect systems that provide live operational oversight and 'source of truth' reporting for business-critical logistics.

AI Ad-Engine: Autonomous LLM Orchestration & ROI Feedback Loops

SYSTEM LOGIC FLOW:

1. Generation: Persona + Hook Matrix via Google Generative AI → **2. Orchestration:** Asynchronous Background Worker (tsx) → **3. Feedback:** Real-world API Data Ingestion (Spend/Clicks/Sales) → **4. Decision:** ROAS/CPA Intelligence Engine.

The image consists of four separate windows of a Windows Command Prompt (Administrator: Windows PowerShell (d8)). Each window shows a sequence of AI-generated text, command execution, and output logs related to ad generation and validation.

- Window 1 (Top Left):** Shows AI generating ads for a playground restaurant. It includes variations like "Finish your steak while they play.", "Safe Grandparents", and "Safe". The log ends with "Ad #4 is finished and saved to 06_Ad for Playground Restaurant..."
- Window 2 (Top Right):** Shows the background worker processing ads. It lists ads #1 through #4 being generated and saved to files like 01_Ad, 02_Ad, 03_Ad, and 04_Ad.
- Window 3 (Bottom Left):** Shows the ingestion of real-world performance data from external APIs. It includes metrics for Ad #1 to #40, such as Clicks, Sales, and CPA.
- Window 4 (Bottom Right):** Shows the final decision engine calculations for each ad. It includes columns for Product (Playground Restaurant), Target CPC (\$0.50), Clicks (e.g., 13 Clicks), Sales (e.g., 1 Sales), and CPA (Cost Per Sale) (e.g., \$12.50).

This engine demonstrates the capability to scale content generation programmatically using LLMs. The architecture utilizes an asynchronous background worker to handle high-volume generation tasks, ensuring system stability. It includes a simulated API feedback loop that reconciles real-world performance data—Spend, Clicks, and Sales—directly with internal variations. The final stage uses a Decision Engine to calculate CPA and ROAS, transforming raw AI output into actionable business intelligence and profitable decision-making.

PikaPoS: Production-Grade Restaurant Management & Business Intelligence

Brenda

00	01	02	03	04	05	06	07	08	09
10	11	12	13	14	15	16	17	18	19

Terasa

T-20	T-21	T-22	T-23	T-24	T-25	T-26	T-27	T-28	T-29
T-30	T-31	T-32	T-33	T-34	T-35	T-36	T-37	T-38	T-39

Raporte & Statistika

Shank	Kuzhina	Total i Përgjithshem
171.60 €	47.00 €	218.60 €
1.50 €	0.00 €	1.50 €
32.50 €	0.00 €	32.50 €
0.00 €	0.00 €	0.00 €
1.50 €	0.00 €	1.50 €
14.70 €	0.00 €	14.70 €
1.00 €	0.00 €	1.00 €
5.00 €	0.00 €	5.00 €

Matrix Raportet

Shijet: 218.60 €	Funizime: 227.84 €	Shpenzime: 1041.00 €	Fitimi: -1050.24 €
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SHPERDIDHUA E PAGESAVE

Matrix Raportet

Mesali	2023	2024	2025	2026
Jeser	1405.20 €	1939.30 €	2446.70 €	182.39 €
Shkurt	4898.80 €	5038.30 €	1613.80 €	36.80 €
Mars	4575.00 €	3968.30 €	1943.50 €	-
Prill	1881.10 €	6750.40 €	3675.40 €	-
Mai	8012.20 €	7828.00 €	4491.70 €	-
Qershor	11377.60 €	8624.20 €	6495.50 €	-
Korrik	19103.70 €	3546.60 €	2512.80 €	-
Gusht	7864.80 €	10603.50 €	11830.40 €	-
Shkator	-	4068.50 €	3998.80 €	-
Tetor	-	2854.20 €	2547.30 €	-
Nentor	-	2106.50 €	1018.80 €	-
Dhjetor	-	1648.60 €	198.80 €	-

Matrix Raportet

Totali

2023 2024 2025 2026

11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000

Stoku

Aktulli	Histoheri	Imbi i Ustet	Stoku Aktual	Kosto Blerje	Vlera (Kosto)	Vlera (Shijet)	Fitimi i Profitit
Coca Cola	24	118	0.50€	0.20€	105.00€	76.50€	-28.50€
Coca Cola Zero	24	40	0.50€	0.20€	22.00€	14.00€	-8.00€
Fanta Orange	24	40	0.50€	0.20€	24.00€	17.60€	-6.40€
Hot Chocolate	24	-1	0.20€	0.20€	0.20€	-0.20€	-0.40€
Kafe	100	0%	0.20€	0.20€	10.00€	10.00€	0.00€
Lemon Soda	24	0	0.20€	0.20€	0.20€	0.20€	0.00€
Schweppes	24	0	0.20€	0.20€	0.20€	0.20€	0.00€
Tonic	24	0	0.20€	0.20€	0.20€	0.20€	0.00€
Uje Mineral	12	0	0.20€	0.20€	0.24€	0.24€	0.00€
Uje Natural	12	0	0.20€	0.20€	0.24€	0.24€	0.00€
Totali		656	205.41€	995.70€	389.79€		

PikaPoS is a live, full-scale management system currently deployed for local restaurant clients. It manages complex transactional logic, multi-table state synchronization, and multi-year financial reporting. This project demonstrates the intersection of 13 years of Banking seniority with modern Product Engineering. It proves the capability to handle high-stakes transactional data with 100% integrity, providing business owners with the deep-data insights and P&L oversight required to engineer profit.