

# Arison Andry Daniel

AI & SOFTWARE ENGINEER

APPLIED AI | PRODUCT ENGINEERING | AUTOMATION  
CREATIVE TECHNOLOGY | OPERATIONS

CONTACT

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Antananarivo, Madagascar | UTC+3 | Remote

PROFILE

AI and software engineer who builds production-ready agents, retrieval systems, workflow automation and full-stack products. At a France-based rental operation, created a deterministic reporting pipeline now used as the default, processing 1,000+ PDFs and removing roughly four weeks of manual reporting each year. Combines hands-on engineering with live operations, project delivery and product design. Remote-ready across Europe, the UK, Gulf and India, with afternoon/evening overlap for US Eastern.

|                |                                 |                      |                       |
|----------------|---------------------------------|----------------------|-----------------------|
| 1,000+         | ~4 WEEKS                        | 12+                  | 500 T/YEAR            |
| PDFS PROCESSED | MANUAL REPORTING REMOVED / YEAR | AI / MCP TOOLS BUILT | ORGANIC WASTE TREATED |

CORE CAPABILITIES

|                    |                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPLIED AI         | Agent workflows, RAG, LangGraph, LangChain, MCP, tool-calling, embeddings, semantic search and evaluation; OpenAI, Anthropic, DeepSeek, GLM and Ollama.            |
| SOFTWARE           | Python, TypeScript, JavaScript, Node.js, React, Next.js, Flask, FastAPI, SQL, REST, OAuth, Docker, Git and CI/CD.                                                  |
| DATA & AUTOMATION  | Deterministic document pipelines, PDF extraction, web scraping, reporting, dashboards, ChromaDB/vector databases and workflow orchestration.                       |
| PRODUCT & CREATIVE | Offline-first PWAs, product discovery, requirements and stakeholder delivery; brand/visual design, AI-assisted product imagery, UGC concepts and short-form video. |
| OPERATIONS         | Incident ownership, short-stay rental operations, project leadership, KPI reporting, stakeholder coordination, translation and live transcription.                 |

EXPERIENCE

Incident Manager | Rental Operations & Automation Dec 2025 - Present  
My TeamR SARL | Remote, France-based

- Designed and shipped a deterministic Python reporting pipeline that ingests and classifies 1,000+ PDF invoices, extracts data, validates calculations and produces PDF/HTML reports. Adopted as the default internal tool, it removes roughly four weeks of manual reporting each year.
- Kept invoice data private and results auditable with deterministic processing and a human-review queue. Prototyped LLM/n8n approaches, then chose not to use them in production where cost, output variability and hallucination risk outweighed the value.
- Own incident resolution, guest experience, payments, reputation, contracts and reporting across 16+ Airbnb/Booking.com properties; resolved two major and three moderate incidents within 72 hours.

Project Lead Mar 2024 - Aug 2025  
Biogaz Angovo | Madagascar | GEF-funded programme (CI grant CI-116452)

- Led a five-person team across two rural communes, delivering site analysis, implementation planning and KPI dashboards for a rural biogas programme.
- Treated 500 tonnes of organic waste per year (5x the 100-tonne target), avoided approximately 300 tCO2e annually and supported 35 green jobs, including 18 for women.
- Raised waste participation from 20% to 60% in six months; official impact and capitalization reports helped prompt replication requests from three municipalities.

SELECTED PRODUCTS & OPEN-SOURCE WORK

ChezLesMarson REAL-CLIENT PRODUCT

Built a trilingual English/French/Malagasy, offline-first restaurant POS/PWA. Sales update recipe-linked stock automatically, with low-stock alerts and installable desktop/mobile use.

ZeroClaw OPEN SOURCE | MERGED

Built a ~1,400-line Python companion with a LangGraph agent, seven tools, CLI, Discord integration, tests and docs; fixed GLM/Zhipu tool calling. Merged and later consolidated into the Rust core (PR #480).

MultiCA OPEN SOURCE | MERGED

Fixed a PATH collision where the Electron binary shadowed the Go CLI; merged the next day (PR #5483). A follow-up request for project-scoped working directories was later implemented (issue #1811).

The\_Swarm INDEPENDENT TOOL

Built a local-first multi-agent LLM harness for coordinating agent workflows.

web2mcp MCP INTEGRATION

Turns websites and APIs into MCP tools by discovering API specifications, JSON-LD and forms; includes encrypted credential storage and OAuth.

Groundweb | bird-mcp MCP / REST TOOLS

Groundweb provides self-hosted web search and extraction through MCP and REST. Also built bird-mcp and an accounting skill covering IFRS, US GAAP and tax guidance across 169+ countries.

Personal Finance Suite | MADAUTO | MT5 tools

PRODUCT BREADTH

Built a React/Node/Docker finance app, operational dashboards and custom MQL5 trading indicators. Also built a bilingual Next.js/TypeScript portfolio with a grounded "Ask my CV" assistant.

CREATIVE TECHNOLOGY | PORTFOLIO CONCEPTS

Concept-only work (not presented as client engagements): AI product photography, UGC ad hooks and short-form creative using Runway, Midjourney, HeyGen, ElevenLabs, CapCut, Stable Diffusion and Photoshop. Portfolio capabilities also include brand refresh, logo design, bilingual marketing sites, motion snippets and practical business automation.

ADDITIONAL EXPERIENCE

Freelance Translator & Real-Time Transcriber

2023 - Present

Events and conferences | Multilingual live support

- Delivered translation and real-time transcription under live event conditions, where accuracy, listening and calm coordination mattered.

EDUCATION, CERTIFICATION & LANGUAGES

| EDUCATION & CERTIFICATION                                                                                                                                    | LANGUAGES & WORKING STYLE                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Economics studies and thesis research</b></p> <p>2020-2023   Baccalaureat Serie D (2020)</p> <p>Certified Virtual Assistant   HELP Education, 2025</p> | <p><b>Malagasy - Native   English - Fluent (C2)</b></p> <p><b>French - Fluent</b></p> <p>Antananarivo (UTC+3); strong daytime overlap with Europe/UK, Gulf and India, plus afternoon/evening overlap with US Eastern.</p> |