Jose Luis Arellano López

AI Engineer | Multi-Agent Systems & Voice AI
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clu.run | github.com/C-L-U | LinkedIn

SUMMARY

AI-focused software engineer building multi-agent systems, voice assistants and AI-powered applications. Combines LLM orchestration and model integration with full-stack engineering, backend architecture and production deployment experience.

AI ENGINEERING PROJECTS

OpenThink — Multi-Agent Consensus Engine
Python · TypeScript · AI orchestration · SSE | github.com/C-L-U/OpenThink

- Open-source system that queries multiple AI models, coordinates debate rounds and synthesizes their responses, with a live streaming debate interface.

Friday — Voice-First Desktop Assistant
Rust · Tauri · Voice AI | github.com/C-L-U/Friday

- Desktop assistant combining speech recognition, AI reasoning and developer tools in a floating interface for voice-driven workflows.

WhatsWrong — Text and Voice Application
Rust · Axum · Flutter · Firestore · Docker | ww.clu.run

- Rust backend centralizes authentication and remote data access for a Flutter client; Firestore is accessed exclusively by the server.
- Includes Argon2id password hashing, JWT sessions, refresh-token rotation, AI text processing and voice transcription.

EXPERIENCE

Full Stack Developer — Blockchain Nov 2025 – Jan 2026
Open-source collaboration — Solana / Western Union ecosystem | Remote

- Developed smart contracts and an open-source international payments system connecting the Solana network with Western Union.
- Collaborated with an international distributed team using Rust, Solana and TypeScript.

Full Stack Developer Aug 2024 – Oct 2024
Government of Paraguay | Remote

- Delivered an agricultural web platform for producers, covering frontend and backend development with TypeScript, React, Node.js and SQL.
- Owned server setup, system architecture, integrations and production deployment with Nginx.

EDUCATION

Israel Institute of Technology — Remote 2024 – Present
Software Engineering studies

CBTIS No. 68 2021 – 2024
Technical qualification in Programming

TECHNICAL SKILLS & LANGUAGES

AI engineering: LLM orchestration, multi-agent systems, model integration, speech recognition, voice assistants.
Languages & frameworks: Rust, Python, TypeScript, React, Next.js, Node.js, FastAPI, Axum, Flutter, Tauri.
Systems & tools: Solana, Anchor, smart contracts, SQL, NoSQL, Docker, Git, Nginx, WebSockets, AI orchestration.
English: Cambridge English B1 certification (2024); B2 professional-use proficiency, self-assessed.