# LANG JU

+86 173 1483 3596 | langju123456@gmail.com | github.com/langju123456

## EDUCATION

**Washington University in St. Louis** St. Louis, MO
*Master of Information Systems Management* *Aug 2024 – Dec 2025*
Coursework: Generative AI & LLMs (A+), Software Design & Architecture, IT Architecture, Enterprise Data

**University of Florida** Gainesville, FL
*B.S.B.A. in Information Systems* *Sep 2019 – May 2023*

## EXPERIENCE

**Lang Horizon Technologies LLC** Jan 2026 – Present
*Founder & AI Full-Stack Engineer*

- Build LLM apps and agent workflows end to end (requirements, FastAPI backends, data layer, model integration, evaluation) with Claude Code and Codex, owning architecture and code review.
- Implement evidence retrieval with citation checks, durable jobs with idempotency and leases, human approval and execution receipts, keeping clear boundaries between what the model, rules and people decide.
- Integrate cloud and local models (OpenAI-compatible APIs, DeepSeek, Qwen via Ollama) and external APIs including OAuth; maintain tests, CI and versioned decision records across multiple AI applications.

**Nanjing Kangni Mechanical & Electrical Co., Ltd.** Nanjing, China
*Overseas Technical Sales Engineer* *Dec 2023 – May 2024*

- Turned overseas rail-transit customers' specifications into technical proposals and bid materials; led English-language customer communication across R&D, production and sales, and mapped CRM/ERP process gaps.

## PROJECTS

**Ardent Mills Supply-Chain Digital Transformation** | *Graduate capstone, Project Lead* Sep – Dec 2025

- Led a 6-person team through 14 stakeholder meetings on B2B supply-chain integration and data governance; compared EDI, API and hybrid options and presented a phased roadmap to client management.

**Service-Business Copilot** | *Python, FastAPI, SQLite, Jinja2, JavaScript, LLM APIs* Oct 2026

- Built a full-stack AI assistant for salon service records that separates raw records, model drafts and staff-accepted results, with role-based permissions, change logs and a correction path.
- Designed background jobs that handle duplicate audio submissions, versioned caching and stale AI results, so late jobs never overwrite edited records. Code private; demo available.

**SoloScale AI OS** | *Python, FastAPI, PostgreSQL, SQLite FTS5, SwiftUI* Aug – Oct 2026

- Built a bounded evidence agent (query planning → retrieval → coverage check → grounded draft) over FTS5/BM25, metadata matching and RRF fusion, with strict structured output and citation checks.
- Ran model calls as durable PostgreSQL jobs with transactional claiming, idempotency keys and leases; shipped a macOS release candidate (SwiftUI with an HMAC-checked Python sidecar) passing 720 tests.

**ForgeFlow** | *Python, FastAPI, PostgreSQL, MCP SDK, Docker, Semgrep, Qwen3-8B* Oct 2026

- Built an agent execution platform that separates model proposals, server-side policy, human approval and execution receipts, with MCP tool boundaries, Docker/Semgrep checks and recovery from interrupted runs.

**EvidenceLoop** | *Python, Qwen3, pytest, Transformers, PEFT/LoRA, vLLM* Oct 2026

- Built an agent evaluation harness with a 550-task frozen pool, independent oracles and executable validators; analyzed 776 real trajectories on Qwen3-0.6B/1.7B/4B to locate tool-argument failures and a validator loophole.
- Generated 816 traceable training samples from 100 tasks; validated a LoRA + vLLM pipeline with smoke runs.

**BuildLog** | *Python, FastAPI, SQLAlchemy, OAuth* Jul – Aug 2026

- Built an API-plus-worker job service with idempotency, bounded retries, structured logs and health probes; shipped LinkedIn and X publishing gated by human approval bound to a content hash.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, SQL, Swift | **Spoken:** English (fluent), Mandarin (native)
**Backend & Data:** FastAPI, Pydantic, SQLAlchemy, PostgreSQL, SQLite, Chroma, FAISS
**LLM & Agents:** tool calling, MCP, RAG, structured output, eval harnesses, OpenAI-compatible APIs, Qwen (Ollama, vLLM), LoRA
**DevOps & Tools:** Docker, Linux, Git, GitHub Actions CI/CD, pytest, mypy, Claude Code, Codex