

ARJAY ESCABAS

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PROFESSIONAL SUMMARY

AI Application Developer / AI Engineer focused on building AI-powered automation systems, data migration platforms, crawling and auditing tools, predictive workflows, and data-driven applications. Experienced in full-stack development, backend systems, AI-assisted workflows, database processing, and practical product implementation.

EDUCATION

University of Mindanao Digos College

Bachelor of Science in Information Technology

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Python, SQL, HTML/CSS
Frontend:	React, Next.js, Vue 3, Tailwind CSS, Inertia.js
Backend & APIs:	Laravel, FastAPI, Node.js, Hono, REST APIs, WebSockets, Webhooks
AI & Automation:	AI agents, LLM integration, web scraping, Puppeteer, Browsershot
Databases:	PostgreSQL, MySQL, SQLite, Supabase, SQLAlchemy, SQLGlott, Polars, pandas, Redis
Testing & Debugging:	Postman, anomaly review, structured verification
Cloud:	Azure, Docker, Nginx, Git, GitHub Actions, Cloudflare, DigitalOcean

FEATURED PROJECTS

SQAuto Industrial SQL Dump Data Migration Platform

Next.js, FastAPI, PostgreSQL, Polars, Redis, Gemini, SQLGlott

- " Built around a safe migration pipeline for restoring, profiling, cleaning, repairing, validating, and exporting legacy SQL dump data.
- " Uses a read-only source principle, staging sandbox processing, deterministic validation, and AI-assisted guidance for schema explanations and anomaly detection.
- " Supports schema comparison, relationship repair, validation reports, and export workflows for PostgreSQL, MySQL, SQLite, Excel, and clean SQL.

LumeCore AI-Powered Forensic & Security Ecosystem

Laravel, Vue, Inertia, Filament, PostgreSQL, pgvector, Gemini, Puppeteer, Meilisearch

- " AI-powered auditing system for codebase, infrastructure, asset health, and transfer-readiness workflows.
- " Includes repository analysis, browser forensics, DNS/SSL/security checks, Gemini-assisted config review, and audit reporting.
- " Designed with CloudVault asset handling, pgvector-based search direction, and secure project review workflows.

RELEVANT EXPERIENCE

AI Application Developer / Automation Builder

2024 2026

- " Built AI-powered application concepts, automation workflows, crawling/auditing systems, and backend-driven data tools.
- " Designed workflows where AI supports automation, prediction, analysis, validation, or decision support.
- " Used AI-assisted development tools while maintaining responsibility for system design, debugging, code quality, and product functionality.

Full-Stack Automation & System Developer

2024 2026

- " Developed full-stack systems involving database workflows, backend APIs, frontend dashboards, and automated processing pipelines.
- " Worked with SQL migration, browser automation, data extraction, validation, cloud storage, and deployment workflows.
- " Used documentation-first planning and modular architecture to support safer implementation and maintainability.