

# Ronald John C. Atanoso

0916 310 5015 | [ronaldjohnatanoso@gmail.com](mailto:ronaldjohnatanoso@gmail.com) | [linkedin.com/in/ronaldjohnatanoso](https://linkedin.com/in/ronaldjohnatanoso) | [github.com/ronaldjohnatanoso](https://github.com/ronaldjohnatanoso)

## EDUCATION

### Caraga State University

Bachelor of Science in Computer Science, Cum Laude

Butuan City, Agusan del Norte, Philippines

2021 – 2025

## EXPERIENCE

### AI Developer

Centrics Networks

Oct 2025 – Present

Philippines

- Sole-architected and built an enterprise multi-tenant RAG system from proposal to production using **Next.js**, **LangGraph**, **Milvus**, and **vLLM** on-prem on data center GPUs; **benchmarked** sub-500ms median latency (p50: 485ms, p95: 1.9s) with Nomic embeddings; integrated **gpt-oss-safeguard** guardrail model for LLM output safety.
- Built a **SOC AI Agent** serving **2M+** daily events; developed **3 custom MCP tools** for **FortiSIEM** (event analytics, incident retrieval, device inventory) enabling autonomous investigation, root cause analysis, and false positive detection.
- Operated **OpsRamp** for AI-powered infrastructure monitoring and observability across the SOC environment.

### Software Engineering Intern

Department of Science and Technology

Feb 2025 – May 2025

Butuan City, Philippines

- Engineered RESTful APIs with **Laravel** and **MySQL**; monitored integration logs and escalated issues, building investigative instincts applicable to SOC alert triage.
- Delivered full-stack features — **Figma**-to-frontend, schema design, backend logic, staging deployment — for inter-agency digital transformation under **NDA**.

## PROJECTS

### Language Model Training & Distillation — Kiln AI, WandB, Tesla GPUs

Apr 2024 – Jun 2025

- Trained 11 GPT-2-like models on 500K+ synthetic conversations via custom pipelines; optimized attention mechanisms (Full, Sparse, Sliding Window) improving compute–performance ratio by **17%**.
- Designed custom LLM eval pipeline using prompt-based meta-evaluation for coherence, factuality, and relevance; tracked all runs with **WandB** and **Kiln AI** dashboards.

### Automated Video Generator — Apache Airflow, Celery, MoviePy, OpenGL

May 2025 – Jun 2025

- Built end-to-end pipeline auto-generating explainer videos from scripts via **Airflow DAGs** and **Celery** workers for parallel voiceover, image scraping, and **MoviePy/OpenGL** compositing.

### LLM Evaluation Framework — Python, Kiln AI, GPT-based Eval

Jan 2025 – Jun 2025

- Designed a custom model evaluation pipeline for synthetic conversational datasets using prompt-based meta-evaluation to assess coherence, factuality, and relevance.
- Integrated evaluation outputs with **Kiln AI** dashboards and database records for benchmarking across model versions.

### MNIST Digit Recognition Web App — Flask, TensorFlow, GCP

Jun 2023 – Jul 2023

- Built draw-and-predict web app with real-time ML inference; deployed **TensorFlow** model via **Google Cloud Function** for serverless digit classification.

## CERTIFICATIONS

### Data Communication and Network Technology — Huawei

2025

### TOPCIT — Level 3, Industry Standard (Top 10% Nationwide)

2024

### Deep Learning Specialization — Coursera / DeepLearning.AI

2023

### Supervised Machine Learning: Regression and Classification — Coursera / Stanford Online

2023

## TECHNICAL SKILLS

**Languages:** Python, Java, C/C++, JavaScript, PHP, SQL (Postgres)

**Frameworks & AI/ML:** Flask, FastAPI, React, Next.js, Node.js, LangGraph, PyTorch, NumPy, vLLM, Milvus, WandB, TensorFlow

**Tools & Platforms:** Git, Docker, GCP, Airflow, Celery, FortiSIEM, OpsRamp, EC2, Cloudflare Tunnel, Kali Linux