

Reljod T. Oreta

+63 961 361 7658 | oretareljod@gmail.com | linkedin.com/in/reljodoreta | github.com/Reljod | Metro Manila, Philippines

PROFESSIONAL SUMMARY	AI Engineer with 7 years of software engineering experience, the last two spent building production multi-agent Large Language Model systems for multi-tenant SaaS products. Day-to-day stack is Python FastAPI, TypeScript and Next.js on AWS, with LangChain, LangGraph, CrewAI and Pydantic for agent orchestration and LangFuse, DeepEval and DSPy for evaluation and observability. At Maya Philippines, replaced a paid third-party KYC vendor with an in-house AI solution that cut KYC operating cost by 90% while lifting approval rate by 7 points and automation rate by 8 points. Comfortable owning a feature end to end: business problem, agent design, backend service, cloud infrastructure and the evaluation harness that keeps it honest.
CORE COMPETENCIES	Python & FastAPI TypeScript, React & Next.js Multi-Agent Orchestration LLM Evaluation & Observability Cloud Infrastructure (AWS) Distributed Backend & Data Pipelines 0 to 1 Product Engineering Software & System Design
WORK EXPERIENCE	Cloud Employee Full Stack Python Engineer / AI Engineer · Remote Dec 2025 - Jun 2026 • Built and tuned agent features for a multi-tenant AI SaaS platform on Python FastAPI, TypeScript, Next.js and PostgreSQL, using CrewAI, LangChain, LangGraph, AWS Bedrock and Claude and OpenAI GPT models, with LangFuse tracing on every agent run. • Designed a multi-agent eligibility pipeline on AWS Lambda that screens out 95 to 97 percent of ineligible records before report generation, removing the LLM inference and downstream processing spend those records used to consume. • Designed and scheduled asynchronous agent workflows across Celery workers on Docker and AWS EKS, serving separate compliance, finance and KYC use cases from one shared agent framework. • Worked directly with product and business stakeholders to translate operational problems into agent designs, then set success criteria and evaluation checks before features shipped. Spark Intelligence, Inc. AI Engineer · Remote May 2025 - Nov 2025 • Built a full-stack multi-tenant AI SaaS product on Next.js, TypeScript, Node.js and Supabase, with agent logic in LangChain and LangGraph over OpenAI GPT, Google Gemini and xAI Grok. • Engineered a fault-tolerant, horizontally scalable AI pipeline on Modal and Trigger.dev, so long-running inference jobs retried and recovered without dropping tenant workloads. • Improved model output quality through prompt and context engineering, measured with LangFuse for tracing, DSPy for data-driven prompt optimization and DeepEval for custom DAG-based evaluation metrics. Maya Philippines, Inc. Senior Software Engineer · Taguig, Philippines Mar 2022 - Apr 2025 • Core engineer on the User Profiles team of a leading Philippine digital bank and wallet, maintaining production backend systems built as monorepos, microservices and serverless applications on Node.js, Fastify, Python FastAPI, Java Spring Boot and AWS Lambda, EKS, EventBridge, SNS, SQS and S3. • Partnered with the data science team to replace a costly third-party KYC vendor with an in-house AI solution, cutting KYC operating cost by 90% while increasing approval rate by 7 points and automation rate by 8 points. • Built fault-tolerant data pipelines and warehousing on AWS Firehose, S3, Aurora, Lambda and Databricks to feed downstream analytics and model training. FactSet Philippines, Inc. Software Engineer III · Taguig, Philippines Feb 2020 - Mar 2022 • Led the integration of FactSet's Revere finance data, running stakeholder meetings and reporting delivery timelines to management. • Migrated legacy Perl and C++ data pipelines to C# ASP.NET with Entity Framework, MSSQL and Heroku, retiring code that was expensive to maintain. Yuro Product Development and Design Solutions Prototype Engineer · Manila, Philippines Jun 2019 - Feb 2020 • Built a computer vision prototype for tennis officiating in Python with OpenCV, YOLO and PyTorch, calling in and out line decisions from match video and deriving ball speed and 2D ball trajectory from frame-by-frame object detection and tracking.
EDUCATION	BS Electronics Engineering Polytechnic University of the Philippines - Manila Manila, Philippines 2014 - 2019 Licensed Electronics Engineer (ECE) and Electronics Technician, Philippine Professional Regulation Commission, 2019. DOST Scholar, 2014-2019. Represented the university on the Electronics Team at Shell Eco-Marathon Asia, Singapore, 2017.
SKILLS	AI / LLM Engineering: Multi-agent systems, agent orchestration, prompt and context engineering, LLM evaluation and observability, guardrails, LangChain, LangGraph, CrewAI, Pydantic AI, DSPy, DeepEval, LangFuse, computer vision, OpenCV, YOLO, PyTorch LLM Providers: OpenAI GPT, Anthropic Claude, Google Gemini, xAI Grok, AWS Bedrock, AWS SageMaker Languages & Frameworks: Python, FastAPI, Celery, TypeScript, JavaScript, Node.js, Fastify, Next.js, React.js, Java, Spring Boot, C# ASP.NET, HTML, CSS Data & Storage: PostgreSQL, Aurora, MSSQL, Supabase, Neo4j, AWS Neptune, AWS Firehose, Databricks, S3 data lakes Cloud, DevOps & Platform: AWS (Lambda, EKS, S3, IAM, EventBridge, SNS, SQS, Bedrock, IoT Core), Docker, Kubernetes, Terraform, GitHub Actions CI/CD, Modal, Trigger.dev, Stripe, microservices, serverless, monorepos, OpenAPI