

Kitti Onthong (Galacgolf)

Senior Backend Engineer | Platform Systems | AI Automation

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Senior backend and platform engineer with 7+ years of experience designing and operating production systems across APIs, databases, infrastructure, internal tools, and AI-enabled workflows. Focused on maintainable architecture, production reliability, workflow automation, and systems that can evolve safely as product requirements grow.

CORE TECHNOLOGIES

Backend	NestJS, Golang, REST APIs, WebSocket, service architecture
Frontend	Next.js, NuxtJS, React, Angular, TypeScript
Data	PostgreSQL, MySQL, MongoDB, Redis, CMS-backed data models
Infrastructure	Docker, Nginx, Cloudflare, DigitalOcean, GitHub Actions, CI/CD
AI / Automation	OpenAI API, LLM integration, structured outputs, evaluation, n8n, workflow automation

EXPERIENCE

TWF Agency - Full-Stack Developer / Backend Engineer

Dec 2019 - Present

Lead backend and platform-oriented delivery across client products, internal systems, automation workflows, and production infrastructure.

- Designed and evolved backend platforms supporting multiple product surfaces, operational workflows, admin tools, integrations, and reporting use cases.
- Worked across architecture, API design, data modeling, system boundaries, and deployment strategy to turn growing product requirements into maintainable services.
- Integrated AI-assisted workflows into production systems with structured outputs, review steps, evaluation logic, and safeguards for repeatable business use.
- Built governance and lifecycle patterns around prompts, generated artifacts, approvals, versioning, and runtime behavior so AI-enabled features remain traceable and controllable.
- Coordinated backend and frontend delivery across shared contracts, integration points, rollout sequencing, and handoff documentation.
- Improved engineering reliability through automated checks, regression coverage, cross-platform validation, CI quality gates, and production-focused debugging.

PIC Phuket - Developer

Mar 2017 - Dec 2019

Built the early product engineering foundation across web, mobile, and business software environments.

- Delivered application features for operational workflows, translating business requirements into usable product functionality.
- Contributed to customer-facing and internal tools supporting day-to-day service operations and product experimentation.
- Developed broad implementation experience across frontend, backend, data, and integration work that later grew into platform-level ownership.

SELECTED ENGINEERING PROJECTS

AI-Enabled Workflow Platform

Designed a backend platform for multi-step AI-assisted workflows where generated outputs move through validation, review, versioning, and downstream business processes.

Focus: Workflow orchestration, structured outputs, artifact lifecycle, approval flows, traceability, production controls.

Model Evaluation and Quality Gate System

Implemented evaluation patterns for AI-generated results with repeatable scoring, controlled transitions, regression protection, and environment-aware validation.

Focus: Evaluation pipelines, quality gates, reproducibility, regression safety, controlled activation.

Context-Aware Document and Chat Workflows

Worked on systems connecting uploaded files, project context, generated analysis, and conversational interfaces so users can move from source material to grounded outputs.

Focus: File grounding, context packaging, source-aware generation, analysis freshness, user-facing workflows.

Campaign and Operations Platforms

Built reusable systems for registration, verification, rewards, reporting, CMS workflows, staff operations, and campaign administration across multiple business use cases.

Focus: Operational tooling, validation flows, admin systems, reporting, reusable product mechanics.

Data, Reporting, and Internal Tooling

Created dashboards, exports, analytics services, and support tooling that consolidate operational data and reduce manual engineering intervention in recurring business processes.

Focus: Backend APIs, normalization, reporting pipelines, internal platforms, workflow efficiency.

Production Platform Reliability

Improved deployment and runtime reliability across multi-service systems through containerization, readiness checks, automated verification, environment validation, and targeted recovery paths.

Focus: Docker, CI/CD, deployment safety, readiness verification, cross-platform testing, production recovery.

AI & AUTOMATION WORK

LLM Workflow Orchestration

Built prompt-driven workflows combining business inputs, model calls, structured outputs, validation, approval steps, and downstream actions into repeatable operating processes.

AI Governance and Versioned Configuration

Designed patterns for prompt configuration, activation state, version history, review binding, and environment-specific behavior so AI features can evolve without losing operational control.

Grounded Analysis and Regeneration

Worked on generation flows that remain aware of source files and updated project data so regenerated outputs reflect the latest available context.

Automation Pipelines

Connected APIs, CMS data, reporting systems, workflow engines, and AI services to automate repetitive operational work while preserving human review where it matters.

ENGINEERING STRENGTHS

System Architecture • Backend Platform Design • Database Design • API Design • Production Debugging • Legacy Refactoring • Cloud Deployment • Business Workflow Design • Cross-team Integration • AI Workflow Governance

LANGUAGES

Thai: Native **English:** Professional Working Proficiency