

DINH DANG TIEN

SENIOR BACKEND ENGINEER

CONTACT

- + (84) 938 63 22 39
- Ho Chi Minh City, Vietnam
- dinh dang tien@gmail.com
- linkedin.com/in/tien-dinh-dev
- github.com/vincent-tien
- https://tiendinh.dev

Senior Backend Engineer with 10+ years of experience delivering production systems across AI automation, mobility, travel, and consumer platforms. Specialized in Go, PostgreSQL, asynchronous processing, and observability, with deep PHP/Symfony/Laravel experience and expertise in concurrency-safe design and performance optimization.

EXPERTISE

- Backend Architecture
- AI & LLM Integration
- Concurrency-Safe Design
- Performance Optimization
- Legacy Modernization
- Payment Integrations
- Workflow Automation

TECHNICAL

- Languages:** Go, PHP, SQL
- Go:** Gin, GORM, sqlc
- PHP:** Symfony, Laravel
- API:** REST, gRPC
- Arch:** DDD, EDA, SOLID, Clean Architecture
- Data:** PostgreSQL, Redis
- Queue:** RabbitMQ, SQS
- Search:** Elasticsearch
- Cloud:** Docker, K8s

WORK EXPERIENCE

SENIOR BACKEND DEVELOPER (GOLANG) | Mar 2023 - Present Sosene | Ho Chi Minh City, Vietnam

Backend engineer for an AI Content Automation Platform that integrates large language models to automate content generation and production workflows.

- Designed and delivered Go services with Gin, GORM, sqlc, and PostgreSQL for production content-automation workflows, exposing REST APIs and gRPC interfaces for internal service communication.
- Automated a multi-step content-production pipeline from content generation and validation through downstream processing, shifting manual effort toward exception handling and editorial review.
- Integrated LLM provider APIs with structured-output validation, retry handling, and provider fallback, improving generation reliability and token efficiency.
- Implemented Redis caching, rate limiting, SQL optimization, and RabbitMQ-based asynchronous processing, improving API resilience, average response times, and tail latency.
- Built GitHub Actions pipelines for automated testing, linting, Docker builds, and Kubernetes deployments on Terraform-managed infrastructure, extending standardized CI/CD practices to internal projects without dedicated DevOps ownership.
- Established production monitoring with Prometheus, Grafana, and ELK, improving background-job diagnostics and failure recovery.
- Expanded automated test coverage across core services and mentored junior developers through system-design reviews and code reviews, promoting maintainable architecture and consistent engineering standards.
- Used AI-assisted development tools (Claude Code, OpenAI Codex) to support implementation, refactoring, and test creation while maintaining standard review and testing requirements.

Core technologies: Go, Gin, GORM, sqlc, PostgreSQL, Redis, RabbitMQ, REST, gRPC, Docker, Kubernetes, Terraform, GitHub Actions, Prometheus, Grafana, ELK

DINH DANG TIEN

SOFT SKILLS

- Mentoring & Code Review
- Cross-team Collaboration
- Agile/Scrum Delivery
- Ownership Mindset
- Estimation & Planning
- English Communication

CERTIFICATIONS

Master Go Programming: Complete Bootcamp — Udemy

<https://www.udemy.com/certificate/UC-a357384a-d720-484e-bc1b-491e753e3d50/>

EDUCATION

BACHELOR OF SOFTWARE ENGINEERING

Ton Duc Thang University
2009 - 2013

LANGUAGES

English
Vietnamese (native)

REFERENCES

Hiếu Trần
Project Manager | Roadsurfer
hieu.tran@roadsurfer.com

Châu Lai
Operational Director | Sosene
chau.lai@sosene.asia

Trung Phan
Engineering Manager | NAB
Vietnam
trungphan84vn@gmail.com

WORK EXPERIENCE

SENIOR BACKEND DEVELOPER (PHP) | Feb 2016 – Feb 2023 *NFQ Asia | Ho Chi Minh City, Vietnam*

Backend developer on international product teams delivering dating, travel, vacation-rental, and mobility platforms for German and global markets: Roadsurfer, LemonSwan, TigerDate, EveryStay, and DreamCheaper.

- Developed Symfony backend features for Roadsurfer, a European campervan rental platform, using Domain-Driven Design and modular-monolith patterns.
- Implemented concurrency-safe booking and vehicle-scheduling logic for Roadsurfer using database transactions, locking, and time-range overlap validation to prevent double-booked campervans under concurrent reservations.
- Contributed to the migration of LemonSwan's legacy platform from Symfony to Laravel, modernizing the codebase while preserving established business functionality.
- Developed business services and REST APIs with Symfony, Laravel, Doctrine, and Eloquent across five consumer-facing platforms, including Elasticsearch-backed accommodation search (houses, apartments) for EveryStay.
- Built event-driven background processing with RabbitMQ (EveryStay) and Amazon SQS (Roadsurfer) for recurring price checks, customer notifications, and other asynchronous workloads.
- Optimized a long-running, data-intensive pricing workflow, reducing execution time by more than 65% through MySQL query tuning, indexing, Redis caching, and legacy-code optimization.
- Integrated Stripe and Adyen payment gateways with webhook signature verification, idempotent event handling, retry on failed deliveries, and payment reconciliation.
- Connected HubSpot and Sendbird through APIs and webhooks to support CRM, engagement, and messaging workflows.
- Applied unit and integration testing practices and collaborated with German product owners, QA, and frontend teams through sprint planning, estimation, backlog refinement, and code review.
- Supported containerized delivery through Docker, Kubernetes, Jenkins, and GitHub Actions on Linux environments.

Core technologies: PHP, Symfony, Laravel, Doctrine ORM, Eloquent ORM, REST, MySQL, Redis, Elasticsearch, RabbitMQ, Amazon SQS, Docker, Kubernetes, Jenkins, GitHub Actions, Prometheus, Grafana, ELK

Web Developer | 2014 - Jan 2016

Widosoft Co., Ltd | Ho Chi Minh City, Vietnam

- Developed PHP web applications and backend services for an iOS application using Laravel, Yii, and MySQL.

Web Developer | 2013 - 2014

Medason Multimedia Solution Co. | Ho Chi Minh City, Vietnam

- Built an email marketing system with PHP (Zend Framework 2), MySQL, HTML5, CSS3, and Bootstrap.