

# NGUYỄN ÁNH

Backend Developer (Golang, Python, Java)

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## Professional Summary

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Backend Developer with 1.5+ years of experience building scalable E-commerce and Travel platforms using Golang, Python, and Java. Specialized in RESTful API design, third-party integrations, and clean architecture. Skilled in leveraging AI tools (Cursor, GitHub Copilot, n8n) to enhance productivity. Seeking a remote position in an innovative startup.

## Technical Skills

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<b>Languages:</b>	Golang (main, 1.5+ years), Python, Java.
<b>Frameworks:</b>	Gin, GORM, Cobra, Echo, Gorilla.
<b>Databases:</b>	PostgreSQL (pgx, PGVector), MySQL, Redis.
<b>Integrations:</b>	VNPay, PayOS, MISA Invoice, AWS S3, Firebase, Google Cloud, Mailgun, Slack/Telegram Bot, FCM, OpenAI API.
<b>Architecture:</b>	RESTful API, Repository/Service Pattern, Dependency Injection, Clean Architecture, Microservices, Transaction Management.
<b>DevOps:</b>	Git/GitHub, Docker, Asynq, Zap, Sentry.
<b>AI and Practices:</b>	Cursor, Copilot, n8n; OOP/SOLID, Design Patterns, API Documentation, Code Review.

## Work Experience

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**Backend Developer (Golang) — AllyAI JSC, Da Nang** *Oct 2024 – Present*

- Core developer of **TripC** (Play Store): built 200+ APIs following Repository/Service architecture.
- Developed multi-type order systems, dynamic promotions, and integrations for payments (VNPay/PayOS), invoicing (MISA), and AI (OpenAI/PGVector).
- Optimized PostgreSQL, implemented async jobs (Asynq), integrated Firebase, AWS S3, Mailgun, and Slack.
- Maintained clean architecture with structured logging (Zap) and monitoring (Sentry); processed 10,000+ orders with 99.9% uptime.

**Backend Developer — Tekup JSC, Da Nang** *Feb 2024 – Oct 2024*

- Developed APIs using Golang/Python/Java; integrated authentication, external services, and optimized database performance.
- Contributed to Agile sprints and team code reviews.

**Backend Developer Intern — TANAACK, Da Nang** *Aug 2023 – Dec 2023*

- Learned and applied Golang/Python to implement CRUD APIs.
- Participated in code reviews, testing, and documentation writing.

## Highlighted Projects

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### TripC – Travel & E-commerce Platform — AllyAI JSC

- Developed real-time promotions, QR booking, payments, invoicing, and AI chatbot/recommendation (PGVector).
- **Tech Stack:** Golang, Gin, GORM, PostgreSQL, Redis, AWS S3, Firebase, OpenAI, MISA.

### Culinary Passport System — AllyAI JSC

- Built photo check-in, gift redemption, and E-commerce integration features.
- **Tech Stack:** Golang, PostgreSQL, Firebase Storage.

## Education

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**Bachelor of Software Engineering** — University of Science and Technology, Da Nang 2020 – 2024  
Relevant courses: Data Structures, Database Systems, Software Engineering, OOP, Computer Networks.

## Additional Skills

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Problem-solving, teamwork, communication, and fast learning (PGVector, OpenAI, n8n). Experienced in remote work, multitasking, and AI-assisted development.

**Languages:** Vietnamese (Native), English (Technical).

**References:** Available upon request.    **Portfolio:** [github.com/erisanh](https://github.com/erisanh)    **Product:** TripC on Play Store