PHẠM QUỐC BỬU (BOB)

Senior Full Stack Developer | Tech Lead

Email: phamquocbuu@gmail.com | Phone: +84 392998182 | Location: HCMC or Remote

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PROFESSIONAL SUMMARY

- Senior developer with 10+ years of experience building, scaling, and leading web systems across logistics, travel, HR, and fintech domains.
- Expert in PHP, NodeJS, and TypeScript, with strong DevOps capabilities (AWS, Docker, CI/CD).
- Proven ability to build and lead tech teams from the ground up, including hiring, mentoring, and establishing full development pipelines. Architected high-volume platforms (up to 30M events/day) and delivered end-to-end product development.
- Seeking product-driven teams to lead, build, or architect mission-critical systems.

CORE SKILLS

- **Languages & Frameworks:** PHP (Laravel), NodeJS (NestJS), NuxtJS, Vue, Next.js, TypeScript, JavaScript
- **Databases:** MySQL, MongoDB, ElasticSearch
- **DevOps & Infra:** Docker, AWS (EB, Route53, ACM), GitHub Actions, CI/CD, Nginx, Make.com, n8n, Webhook Automation
- **Architecture:** Microservices, Real-time data pipelines, Message queues, System scaling
- **Leadership:** Team Leading, Technical Decision-Making, Mentoring, Cross-functional Collaboration
- **Domain Expertise:** Express Delivery, Travel Systems, Warehouse, HR Systems, Fintech, Customer Service, Payments Risk Management
- **AI & Automation:** OpenAI API, GPT Agents, Prompt Engineering, LLM Workflow Design, Auto-response Systems

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EXPERIENCE

Marketflow Ltd. (Jan 2024 – Present)
Senior Full Stack Developer | DevOps Engineer

- Built and maintained internal SaaS tools using Laravel, NestJS, Next.js, and NuxtJS.
- Designed and deployed scalable systems on AWS with Docker, Elastic Beanstalk, and ACM.
- Maintained CI/CD pipelines with GitHub Actions and managed production infrastructure.
- Applied security and compliance practices into system deployment.

J&T Express Vietnam (Apr 2020 – Oct 2023)
Tech Lead | System Architect | Senior Developer

Built the development team from scratch — involved in hiring, onboarding, and leading a 9-member team.

BI Dashboard (Big Data Analytics Platform)

- Designed and implemented a high-throughput backend system processing over 2 million waybills/day, with data refreshed every 5 minutes.
- Architected a decoupled architecture using Laravel (backend), Livewire (frontend), and NodeJS (data pipeline).
- Optimized MySQL performance with partitioning, stored procedures, functions, and triggers for real-time data analysis.
- Led a focused 2-person team including myself and one backend developer, overseeing full-cycle delivery.

LeadTime System (Transport Route Management & Optimization)

- Architected a backend system to track and optimize express delivery routes, handling over 30 million events/day.
- The system manages and monitors waybills, trucks, post offices, and sorting centers, enabling real-time evaluation of performance and route deviations.
- Designed and implemented route optimization algorithms for 2,000+ post offices, enhancing operational efficiency and delay detection.
- Delivered KPI dashboards and delay analysis reports for logistics and operational teams.
- Leveraged MongoDB (Sharding + Replication), NodeJS, MySQL (Replication), and multi-threaded Laravel workers; used Nginx for load balancing.
- Built the team from scratch and led 3 developers and 1 business analyst through the full project lifecycle.

TachDiaChi.vn / LenDon.jtexpress.vn (Address Parsing & Waybill Labeling)

- Created NLP-style parsing service with >95% accuracy on Vietnamese addresses.
- Supported high-throughput mass uploads (over 5,000 records in under 2 minutes).
- Led a 3-member team using Laravel, ElasticSearch, TailwindCSS, PDF generation, and load-balanced Nginx.

Office Automation System
- Built real-time request/approval platform (leave, meetings, travel).
- Integrated tablet display outside meeting rooms with WebSocket + Firebase.
- Team size: 3 developers, 1 business analyst, 1 designer.

Tugo Travel (Jul 2016 – Apr 2020)
Lead PHP Developer | System Architect

- Built travel booking and internal ERP-like tools (sales, tour operator, finance).
- Assembled and led a 3-developer team; designed custom modules for internal workflows.

OPPO Vietnam (Jan 2013 – Mar 2016)
PHP Developer – First IT hire in Vietnam office

- Developed core internal systems including Warehouse Management, HR, and Sales Management from the ground up.
- **These systems have remained operational and scalable for over a decade**, supporting business-critical functions nationwide.
- Played a foundational role in establishing OPPO's internal tech infrastructure during its early expansion in Vietnam.

ACHIEVEMENTS

- Built high-scale systems from scratch for J&T (30M events/day).
- Designed custom logistics algorithms in LeadTime system.
- Pioneered internal ERP for travel industry (Tugo Travel).
- Combined full-stack, DevOps, and leadership skills across multiple domains.

PROJECT HIGHLIGHTS

Project	Role	Scale / Outcome
BI Dashboard	Tech Lead	2M+ waybills/day; 5-minute interval sync
LeadTime Optimization	Team Lead + System Architect	30M events/day; route tracking for 2,000+ locations
TachDiaChi.vn	Team Lead	NLP Address Parsing; PDF Waybill; ElasticSearch integration
Marketflow	Fullstack + DevOps	Laravel, NuxtJS, NestJS, and Next.js app deployed on AWS with GitHub Actions
AI Assistant Workflows	OpenAI Agent Developer	Built automation via OpenAI API + n8n for support & data tasks

EDUCATION

Higher Diploma in Software Engineering (Distinction)

Aptech Worldwide – FPT Aptech, Ho Chi Minh City
Graduated: 2013

LANGUAGES

Vietnamese (Native) | English (Professional Working Proficiency)

REFERENCES

Available on request. Or just call me — I know myself better than anyone.