

Đỗ Quang Minh Triết

Backend Developer Intern | Node.js · PostgreSQL · Data Pipelines
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SUMMARY

Fourth-year Information Systems student (GPA 8.24/10) who designed and shipped two production e-commerce backends: transactional order and FIFO inventory engines, HMAC-verified payment webhooks and ETL pipelines for ad and sales data. Writes the specification, schema and architecture, uses Claude Code as a pair programmer, and reviews and tests every change. Seeking a part-time Backend internship (available all week), growing toward Data Engineering.

SKILLS

Languages: JavaScript (Node.js), SQL, TypeScript, Python, C#

Backend: Express, REST API design, Zod, webhooks (HMAC), authentication and role-based access control

Databases: PostgreSQL, SQL Server, Supabase (Auth, RLS), Oracle (RBAC, VPD, OLS, FGA), schema design, migrations, transactions

Data: ETL pipelines, pandas, PyTorch, Meta Graph API, Google Sheets API, Excel; P&L, COGS and ROAS reporting

Tools & Testing: Git/GitHub, GitHub Actions CI, Vercel, Railway, Jest, Playwright (E2E), ESLint

Frontend & Integrations: React, Angular, Vite, Tailwind CSS; SePay/VietQR, Zalo OA, GHN, PayPal, Cloudinary, Meta Pixel/CAPI

EXPERIENCE

Full-stack Developer (part-time), IMYSM (fashion startup)

08/2026 – Present

imysmstudio.com

- Built IMYSM Studio, a bilingual e-commerce platform and admin system replacing Haravan (React, Node.js/Express, Supabase PostgreSQL); it runs all direct-channel orders and drove ~60% of direct revenue in its first full month (09/2026).
- Implemented the order and inventory core: transactional order creation with FIFO batch costing for accurate COGS, role-based access with Row-Level Security, and VietQR/SePay transfers auto-confirmed via HMAC-verified webhooks with Zalo alerts.
- Designed and rehearsed an idempotent ETL migration from Haravan (6,281 historical orders, 11,392 transaction rows) with an exceptions queue that never guesses unmapped SKUs.
- Built an ETL pipeline syncing Meta Ads data daily from the Graph API into PostgreSQL for ROAS/CTR/CPC dashboards and a rule-based recommender; monthly figures reconcile with the cost ledger and Meta API within 1%.

Marketing & Operations Analyst (part-time), IMYSM

07/2024 – Present

- Run Meta ads (~6.3M VND spend, 09/2026): 3.4x Meta-attributed ROAS (7.0x on total direct-channel revenue), 1.5% link CTR; monthly business reports from stock counts and sales data.
- Handle day-to-day store operations: order packing, stock checks, goods receiving and expense tracking.

Freelance Full-stack Developer, BrownVN (fashion brand)

01/2026 – Present

brownvn.com

- Built and run the whole system solo: bilingual storefront with VND/USD pricing, COD/bank/PayPal checkout, GHN shipping and order tracking (React 19, Express 5, Supabase).
- Built an admin dashboard with 13 modules and ~71 REST endpoints: products and variants, FIFO inventory, orders, vouchers, expenses and financial reports (revenue, profit, COGS).

PROJECTS

Graduation Thesis (in progress): Time-aware Knowledge-Graph Recommender

06/2026 – Present

- Time-aware extension of KGAT (knowledge-graph attention network) for recommendation; building Python pipelines (pandas, PyTorch) and benchmarking against Matrix Factorization on two public datasets.

Voucher Marketplace (course: E-Commerce)

06/2026 – 08/2026

github.com/DomTriet/voucher-marketplace · ec-nhom3.vercel.app

- Team of 4 (backend + Next.js frontend): layered Express/TypeScript API, Drizzle ORM, Supabase Auth, PayPal/Stripe sandbox.

HomeStay Dorm: Dormitory Management System (course: IS Analysis & Design)

02/2026 – 06/2026

github.com/DomTriet/homestay-dorm-management

- Backend developer, team of 4: booking and rental flows (Angular, Node.js/Express, Supabase); 70% coverage gate in CI.

Hospital Data Security on Oracle (course: Data Security in IS)

01/2026 – 05/2026

github.com/DomTriet/oracle-admin-hospital-security

- Built the core of Subsystem 1 (team of 5): C# WinForms app managing Oracle users, roles and privileges (RBAC, VPD, OLS).

EDUCATION

University of Science, VNU-HCM

2023 – 2027 (expected)

B.S. Information Technology, Information Systems major | GPA: 8.24/10 | IELTS 7.0 (01/2023)

Certifications: [Microsoft SQL Server Professional Certificate](#) (Microsoft, 10/2025) · [Python for Everybody Specialization](#)

(U. Michigan, 09/2025) · [SQL Window Functions for Analytics](#) (Coursera, 12/2025) · [Programming with JavaScript](#) (Meta, 10/2025)