

Ghyath Nouredine

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years turning complex product requirements into reliable fintech and business platforms. Strong in PHP, Laravel, REST APIs, microservices, admin portals, and backoffice systems, with demonstrated leadership through technical planning, delivery ownership, production support, and mentoring developers.

CAREER IMPACT

5+ years in professional software engineering | 10+ production applications delivered and supported | 200k+ users across delivered products | 8+ developers mentored and supported

TECHNICAL SKILLS

Backend Engineering: PHP, Laravel, Lumen, NestJS, REST APIs, Webhooks, Microservice integrations, Async jobs and listeners, Event-driven workflows

Frontend: JavaScript, TypeScript, React, Next.js, Angular, React Native, Electron, NativePHP

Data: MySQL, MSSQL, PostgreSQL, Redis, MongoDB, Liquibase, SQL performance, Indexes, Transactions

Architecture and Delivery: Microservices, Monoliths, MVC, System design, Technical planning, API contracts, Production support, Mentoring, Code review

Testing and Observability: Pest, PHPUnit, Postman automation, Integration testing, Grafana, Application logs, Correlation IDs, Slow API and query analysis

Cloud and Tooling: Docker, Jenkins, Coolify, AWS EC2 and RDS, Terraform, Ansible, Atlassian products, Git

AI-Assisted Engineering: Claude Code, Codex, Hermes, MCP, n8n, AI-assisted planning, testing, documentation, and refactoring

PROFESSIONAL EXPERIENCE

Senior Laravel Engineer | [FOO](#)

Beirut, Lebanon | Dec 2021 - Present

Own PHP/Laravel delivery for admin portals, backoffice platforms, and operational admin flows across FOO's fintech product suite, shaping technical approaches from planning through production support.

- Focus on admin portals and backoffice systems across FAAS (Fintech-as-a-Service), Wallet, and Corporate products, delivering the admin flows used for tenant setup, service management, onboarding, approvals, reporting, notifications, and salary operations.
- Support FAAS across 2 production clients / 8 tenants and 3 staging clients / 16 tenants, coordinating behavior across internal SaaS products and microservice boundaries.
- Contribute to Wallet products used across 5+ projects with up to 100k+ users, covering stored value accounts, virtual cards, digital onboarding, operational controls, and Camunda-backed workflows.
- Integrate internal microservices, SaaS components, and third-party providers through REST APIs with custom authentication while handling timeouts, malformed payloads, race conditions, partial success, retries, and idempotency.
- Resolve production reliability issues including competing event listeners, retry storms, slow APIs, overloaded downstream services, and inefficient dynamic-form queries using Grafana, logs, request IDs, slow reports, and query analysis.
- Work with large relational schemas of 600+ tables and production tables above 2.3M+ records, applying scoped queries, indexes, constraints, transactions, and migration practices to protect performance and data integrity.
- Write unit and integration coverage with Pest, PHPUnit, and Postman automation for API behavior, business rules, malformed inputs, and downstream-service failures.
- Turn ambiguous requirements into technical plans, diagrams, API contracts, implementation details, and delivery estimates; challenged a low-ROI Java-to-PHP rewrite and helped avoid an estimated 185 working hours after focused evaluation.
- Mentor and support 8+ developers across project teams through implementation planning, code review, production incident support, PHP debugging, and flow clarification.

SELECTED PROJECTS

Zen | *ERP Lite* | *Project leadership and backend*

Planned and delivered Core, Accounting, Inventory, Sales, and POS modules while working directly with the client from requirements through production. Shipped 5 modules in 2 months; platform now runs the client's business. **Stack:** Laravel, React, TanStack, shadcn/ui, MySQL, NativePHP, Electron

Laplaya HR | *Full-stack web and IoT* | *Solo build*

Built a restaurant HR, training, and attendance platform with scheduled card-reader synchronization. Ran for 2 years with 25+ active users. **Stack:** Next.js, Laravel, Arduino, C++, Cron jobs

Trawl | *Open-source CLI, SDK, and MCP server*

Building a unified interface for web search, scraping, crawling, and deep-research providers with quota-aware routing and fallback. **Stack:** Python, FastAPI, PostgreSQL, MCP Server, Next.js

Self-Hosted AI Environment | *Personal infrastructure*

Operate a private VPS-hosted environment for AI-assisted engineering, workflow automation, knowledge management, and application deployment while retaining manual review and verification. **Stack:** Hermes, Claude, Codex, n8n, Affine, Coolify, VPS

EDUCATION AND TRAINING

B.Sc. Computer Science | Lebanese International University, Beirut, Lebanon | Oct 2018 - May 2021 | Graduated with distinction | GPA 3.6

AI-Powered Engineering Workshop | Agentic and AI-assisted software engineering practices | Jul 2026

DevOps Engineer Training | Simplilearn / Forward MENA | Nov 2022 - Mar 2023

Full-Stack Web Development Bootcamp | SE Factory | Aug 2021 - Nov 2021

LANGUAGES

Arabic: Native | English: Proficient