

MUHAMMAD GOHAR NAWAZ

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Full Stack Software Engineer focused on backend development for **headless, API-first platforms**. Build and optimize modular **Laravel** services — **REST and GraphQL APIs**, **PostgreSQL** data models, and **Redis**-backed queue workers — running in **Docker** on **AWS** and serving decoupled **React** storefronts across multiple stores and locales. Experienced across the **TALL** and **MERN** stacks, with a focus on query performance, clean module boundaries, and API contracts that frontend teams can build against.

TECHNICAL SKILLS

- **Languages:** PHP 8.3, JavaScript (ES6+), SQL, HTML5, CSS3.
- **Backend:** Laravel 12, Livewire, Filament, Node.js, Express.js, REST API design, GraphQL (Lighthouse), OpenAPI / Swagger, Laravel Sanctum, OAuth 2.0 / SSO, queues and background jobs (Horizon), modular monolith architecture, headless / API-first design.
- **Frontend:** React, Inertia.js, Alpine.js, Tailwind CSS, responsive UI development.
- **Databases & Caching:** PostgreSQL, MySQL, MongoDB, Redis, Eloquent ORM, schema design, indexing, query optimization, EAV modeling, full-text search (Meilisearch).
- **DevOps & Cloud:** Docker and Docker Compose, AWS (EC2, S3), Nginx, PHP-FPM, Git / GitHub, Linux (Ubuntu), CI/CD workflows.
- **Testing & Practices:** PHPUnit, Pest, Agile / Scrum, code review, debugging, application security, RBAC, technical documentation.

PROFESSIONAL EXPERIENCE

Nestosh Pvt Ltd | Full Stack Software Engineer | Johar Town, Lahore, Pakistan Jul 2026 – Present

- **Develop REST and GraphQL** endpoints across a 15-module **Laravel modular monolith** powering the **Tradeasia** (tradeasia.com) master data platform, serving 50+ decoupled **React** regional storefronts from a single API layer.
- **Reduced** CMS page-listing query cost by eliminating redundant multi-locale translation hydration, selecting only the required columns on read-only paths instead of loading full page payloads.
- **Extend** an **EAV-driven PIM** with dynamic attribute sets and hierarchical category trees, using recursive adjacency-list queries in **PostgreSQL 16**.
- **Integrate** third-party commerce (VTEX) and **OAuth SSO** providers (Apple, LinkedIn, Microsoft Azure), processing syncs through **Redis / Horizon** queues with retry and failure handling.
- **Build Filament** admin resources for catalog, subscription, and CMS operations, replacing manual data workflows for internal merchandising teams.
- **Maintain Docker Compose** environments (Nginx, PHP-FPM 8.3, PostgreSQL 16, Redis 7) that mirror production on **AWS**, keeping local-to-production behaviour consistent.

Apps Global Pvt Ltd | Full Stack Developer | Lahore, Pakistan Dec 2025 – Jun 2026

- **Delivered** client web applications on the **TALL stack** (Tailwind CSS, Alpine.js, Laravel, Livewire), owning features from schema design through to deployment.
- **Built** a fleet logistics platform (smtlc.omrolo.com) with a **Livewire** and **Filament** operations dashboard covering booking, driver commission calculation, and financial reporting, replacing manual spreadsheet workflows for the client team.
- **Developed** and maintained the company's public **Laravel** corporate site (appsglobal.co), building service and portfolio pages, lead-capture forms, and SEO-oriented markup.
- **Optimized MySQL** queries and Eloquent relations on high-traffic listing pages, resolving N+1 loads, and built reactive interfaces with **Inertia.js** and **React** to cut full-page reloads on key workflows.

Tap One Studio | Backend Developer Intern | Jauharabad, Pakistan Jun 2025 – Aug 2025

- **Built RESTful API** modules with **Node.js**, **Express.js**, and **MongoDB**, covering authentication, orders, and user management endpoints.
- **Partnered** with frontend engineers to define request and response contracts, reducing integration rework during handoff.
- **Raised** reliability through unit tests, systematic debugging, and Git-based branching and code review practices.

PROJECTS

- **Transport Management System** – smtlc.omrolo.com | **Laravel**, **Livewire**, **Tailwind CSS**, **MySQL**: Logistics platform for fleet operations with real-time booking, automated driver commission calculation, and dynamic financial reporting.
- **Omrolo E-Commerce** – omrolo.com | **Laravel**, **Filament PHP**, **MySQL**: Online marketplace with secure payment gateway integration, reactive product catalogs, and a custom admin dashboard for inventory and order management.

EDUCATION

Gomal University | Bachelor of Science in Computer Science | CGPA: 3.8 / 4.0 | Dera Ismail Khan, Pakistan 2021 – 2025