

Mohammad Ali Jaffri

Backend Software Engineer

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Professional Summary

Backend-leaning software engineer with 4+ years of professional experience building and maintaining production web systems using Laravel, PHP, and MySQL. Experienced in modernizing legacy applications, designing APIs, and operating Linux-based production infrastructure. Strong background in business-critical systems including inventory platforms, CMS backends for mobile apps, and data-heavy integrations. Comfortable owning features end-to-end - from schema design and backend logic to deployment, monitoring, and production maintenance.

Skills

- **Languages & Frameworks:** Laravel, PHP, Python, SQL (MySQL/MariaDB), GraphQL (Shopify), Vue.js, jQuery
- **Infrastructure & DevOps:** Linux System Administration, Linux Servers, Apache, CI/CD (GitHub Actions), Azure Data Factory
- **Concepts & Tools:** REST APIs, Authentication & Authorization, ETL Pipelines, Git, WordPress, WooCommerce

Work Experience

Software Engineer | Milestone Apps

Jul 2022 - Present | Pakistan

- **Architected** and developed Laravel-based production systems including 4+ internal tools, inventory platforms, and CMS backends, supporting daily operations for internal teams.
- **Managed** Linux-based production and staging environments, configuring firewalls and access controls to maintain 99.9% server uptime and operational security.
- **Engineered** RESTful APIs consumed by multiple mobile apps and external systems, successfully handling 10,000+ daily requests while ensuring 100% backward compatibility.
- **Developed** custom WordPress and WooCommerce platforms and plugins, streamlining e-commerce flows and reducing page load times by ~20% via optimized PHP and Vue.js integrations.
- **Programmed** Shopify themes using Liquid and tailored custom frontend behaviors for 5+ e-commerce storefronts.

Projects (Curated)

Automated Shopify Product Import & Lifecycle System

Laravel, Shopify GraphQL, MySQL

- **Authored** an automated ingestion system importing ~32,000 product variants across ~2,000 products from FTP-delivered CSVs, reducing manual data entry requirements by 100%.
- **Integrated** Shopify GraphQL bulk mutations and rate-limit-aware API protocols, successfully scheduling automated drops for 1,000+ variants weekly.

Legacy Laravel Systems Upgrade (CRM & Support Platform)

Laravel, MySQL, Access Control

- **Led** the modernization of 2 interdependent Laravel applications connected via secure APIs, extending platform lifespan and operational maintainability.
- **Migrated** legacy systems from Laravel 5 and 9 to Laravel 12, seamlessly executing 20+ significant schema modifications and permission model overhauls.

Warehouse Inventory Management System

Laravel, MySQL, Linux

- **Established** a large-scale inventory system governing raw materials and finished products, accurately tracking inventory cycles for a multi-warehouse setup.
- **Provisioned** the Linux server infrastructure hosting the system, standardizing Apache, MariaDB, and firewall rules to ensure 24/7 operational availability.

Enterprise Cybersecurity SaaS (Django / Azure)

Django, Microsoft Azure Data Factory, ETL

- **Contributed** to database schema design and data ingestion pipelines for a multi-tenant cybersecurity SaaS platform supporting multiple enterprise clients.
- **Assembled** robust ETL pipelines utilizing Azure Data Factory to rapidly ingest and process third-party threat data into a centralized reporting database.
- **Refined** and adapted 10+ client-provided Entity-Relationship Diagrams (ERDs) to accurately mirror real-world data structures and REST API responses.

Education

Bachelor of Science in Computer Science | Forman Christian College University

Sep 2022 - Jun 2026