

Asim Ali

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PROFESSIONAL SUMMARY

Backend Engineer with 3 years of experience building enterprise systems with PHP and Laravel across CRM, identity, and operational workflows. Strong in REST APIs, MySQL/Redis, secure authentication, queue-based processing, third-party integrations, and backend performance optimization. Reduced genealogy graph API latency by 45% through BFS, query optimization, and Redis caching.

EDUCATION

The Islamia University of Bahawalpur, Pakistan
Bachelor of Science in Computer Science | 2024

TECHNICAL SKILLS

BackEnd:	PHP, Laravel, OOP, SOLID, REST APIs, Eloquent ORM, Queues & Jobs
Database & Performance:	MySQL, Redis, Query Optimization, Eager Loading, N+1 Remediation
Security & APIs:	OAuth 2.0/SSO, PKCE, JWT, RS256, TOTP/2FA, RBAC, Laravel Gates & Policies
APIs & Integrations:	Microsoft Graph API, WebSockets, Pusher, Third-Party API Integration
Tools & DevOps:	PHPUnit, Laravel Telescope, Postman, Git, GitHub, Linux, cPanel
FrontEnd:	HTML, CSS, Bootstrap, JavaScript, React (Familiar), Inertia.js

PROFESSIONAL EXPERIENCE

Laravel Developer

Surfiq Technologies – Lahore, Pakistan | 2024 - Present

- Built a custom OAuth 2.0 + PKCE SSO provider with RS256 JWT, centralizing authentication across 7 internal applications.
- Implemented TOTP-based 2FA, JWT rotation/refresh, and blacklist-based logout for secure session and token management.
- Designed hierarchical RBAC using Laravel Gates and Policies, supporting permission propagation and cascade revocation across a 7-level sales organization.
- Reduced latency of the genealogy graph API by 45% by optimizing BFS-based relationship traversal, eliminating N+1 queries, optimizing Eloquent queries, and introducing Redis caching for graph data.
- Integrated NARA and OpenArch.nl APIs to search and ingest historical records into the genealogy platform, connecting external archival data with family-tree records and downstream OCR/extraction workflows.
- Built queued Excel workflows processing 20K+ row imports, reducing manual data entry by 70%.
- Engineered budget/target allocation and race-safe sequential quote numbering using transactional logic and Cache::lock, integrated with a Dompdf quote-to-order workflow.
- Built network migration tooling that extracts structured circuit and port data from CIENA/Samsung paths using priority-based regex matching and confidence scoring, reducing manual configuration effort by 60%.
- Built real-time messaging, notifications, and asynchronous status updates using Pusher and Laravel Echo private channels.
- Designed a resumable chunked-upload pipeline (HMAC-signed tokens, idempotent chunks, concurrent-safe finalization, retry/backoff) for large field media over unreliable cellular connections.

Freelance Web Developer

Self-Employed | 2023- 2024

- Built a Laravel shipment-tracking platform with a multi-stage state machine and automated IMAP ingestion, reducing manual processing by 90%.
- Built a recruitment platform covering job posting, candidate applications, document/certification tracking, policy acknowledgment, and multi-step employee onboarding.

CERTIFICATIONS

Advanced Laravel Development — Udemy | March 2023