

Syed Ahmer Shah

Full-Stack Software Engineer — Laravel · React · MySQL

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SUMMARY

Full-stack software engineer and software engineering student who designs, builds and ships web applications end to end — database schema, backend, interface, security and deployment. In 2026 built **four production-grade platforms solo** on Laravel 12, React 19 and MySQL, each with concurrency-safe checkout, verified payment webhooks and **Lighthouse 100** accessibility and SEO. Completed a **Full Stack Developer internship at XCL Technologies**, building a university admission and examination portal in an on-site team; **40+ published technical articles** and **20+ professional certificates** (Meta, Microsoft, IBM, Amazon).

TECHNICAL SKILLS

Languages	PHP, JavaScript (ES6+), SQL, TypeScript (working), Java, Python, Dart, HTML5, CSS3
Frameworks & UI	Laravel 12, React 19, Inertia.js, Next.js, Node.js / Express, Django, Flutter, Tailwind CSS, Bootstrap, GSAP, Three.js
Data	MySQL (schema design, transactions, row locking, views, constraints), SQL Server, MongoDB, Redis
Security & quality	CSRF, nonce CSP, rate limiting, Argon2id, TOTP 2FA, HMAC-signed webhooks, IDOR scoping · PHPUnit, Playwright, GitHub Actions CI
Platforms & tools	Git / GitHub, Vercel, Firebase, Supabase, Stripe, Cloudinary, Resend, Shopify · technical SEO (structured data, Core Web Vitals)
AI-assisted dev	Claude Code, ChatGPT / Codex, Gemini — paired with code review and automated tests

EXPERIENCE

Full Stack Developer Intern — XCL Technologies · Hyderabad · On-site Jul – Aug 2026

PHP · Laravel · MySQL · JavaScript · Tailwind CSS · Bootstrap · Git — internship certificate No. 899

- Built core flows of a **university admission and examination portal**: student registration, e-mail verification, authentication and personalised dashboards for submitting CNIC, photo, domicile, B-Form and PRC documents.
- Implemented validation and **suspicious-content detection** that routes flagged applications to the Super Admin, an automated **challan generator with PDF download** and error reporting, and exam-slip generation once the paid challan is submitted.
- Contributed to the Super Admin panel — login and password recovery, Mini Admin creation, permission management, time-limited roles and access termination; later rebuilt and extended the portal independently as [Ahmer Institute of Technology](#).

PROJECTS

Zovita+ — Online pharmacy platform · solo build 2026

Laravel 12 · React 19 · Inertia 2 (SSR) · MySQL · Redis · Stripe · Three.js · Playwright — github.com/ahmershahdev/zovita

- 1,186-product catalogue across 8 departments with search, prescription upload, a 3D body-map symptom finder and an English/Urdu interface; **22-table schema, 201 automated tests**.
- Checkout in one transaction with **SELECT ... FOR UPDATE** in id order, a conditional stock decrement and unique checkout tokens — stock cannot be oversold and a double-submit returns the original order.
- Card payments confirmed only by **HMAC-SHA256-verified, replay-protected Stripe webhooks**; personalised offers from six explainable rules, capped at 15% and redeemed exactly once under a row lock.
- Staff admin with per-role permissions and TOTP 2FA; ClamAV upload scanning, nonce CSP and named rate-limit counters; checks 24 drug-interaction rules before payment.

BookMyMovie — Cinema ticketing platform · solo build

2026

Laravel 12 · React 19 · TypeScript · Inertia 2 · MySQL · Three.js · Service Worker · JazzCash — github.com/ahmershahdev/bookmymovie

- **56-table schema with 9 reporting views**, 49 screens: live and 3D seat maps, trailers, snacks, split bills, loyalty points, gift cards and offline QR e-tickets with Apple and Google Wallet passes.
- **Zero double-sold seats**: deterministic row-lock ordering, a database-enforced unique live-ticket key, idempotent checkout and compare-and-set booking status so nothing is refunded twice.
- Back office for three roles with TOTP 2FA, ticket scanner, refunds, reports and audit log; HMAC-signed tickets; full Urdu RTL interface; Lighthouse 100 for accessibility, best practices and SEO.

GleanGrid — Farmers-market pre-order marketplace · Aptech TechWiz 7

2026

Laravel 12 · React 19 · Inertia SSR · Tailwind CSS 4 · MySQL · JazzCash · Leaflet — github.com/ahmershahdev/GleanGrid

- Three role workspaces, **62 screens, 8 languages** including right-to-left Urdu and Arabic; live market map, QR pickup passes, restock alerts and automatic refunds for late payment confirmations.
- A **50-process stress test** exposed a REPEATABLE READ stale-snapshot oversell (20 orders into a 3-place pickup window); a locking read fixed it and checkout now holds under parallel load.
- Idempotent payments with HMAC-verified gateway callbacks; **133 PHPUnit tests (779 assertions)**, Playwright end-to-end tests and GitHub Actions on PHP 8.2 and 8.3.

Commerza — Security-first e-commerce engine · solo build

2026

PHP · MySQL · JavaScript · jQuery · Bootstrap · Redis · Stripe · Cloudinary — github.com/ahmershahdev/commerza

- Framework-free production platform — **339 files, 136 commits in three months**: storefront, admin with sub-admin roles, coupons, reviews, order tracking, Google and Facebook sign-in, Stripe and cash on delivery.
- Transactional stock locking and prepared statements on every write path; CSRF tokens, reCAPTCHA v2/v3, Argon2id, ClamAV scanning, audit logs, SMTP failover and a **CI security gate on every push**.

ahmershah.dev — Portfolio and engineering blog

2026

Next.js 16 · React 19 · TypeScript · Tailwind CSS 4 · Three.js · GSAP — ahmershah.dev

- Designed and coded from scratch: WebGL hero, a 40+ article blog with structured data, an on-site chat assistant and a server-side contact pipeline; **97-100 Lighthouse** accessibility, best practices and SEO.

EDUCATION

BS Software Engineering — Hyderabad Institute for Technology & Management Sciences (HITMS)

2024 – 2028 (expected)

Advanced Diploma in Software Engineering (ADSE) — Aptech Pakistan

2025 – 2028 (expected)

HSC Pre-Engineering, Grade A — Superior College of Science, Hyderabad

2022 – 2024

CERTIFICATIONS — selected from 20+ · Coursera, HackerRank, LinkedIn Learning

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| • Meta Full Stack Developer — Meta | • SQL (Advanced) — HackerRank |
| • Microsoft Full-Stack Developer — Microsoft | • JavaScript (Intermediate) — HackerRank |
| • IBM DevOps and Software Engineering — IBM | • Software Engineer Intern — HackerRank |
| • Amazon Junior Software Developer — Amazon | • Become a Software Developer — LinkedIn Learning |