

Md. Rakib Uddin

Senior Laravel Backend & **AI Application Engineer**

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PROFESSIONAL SUMMARY

Summary

Senior backend engineer with **8+ years** designing and shipping production PHP/Laravel systems — multi-tenant SaaS platforms with subscription billing, REST APIs, marketplaces, and commercial SaaS, POS and LMS products published on CodeCanyon and Codester. Strong in backend architecture: domain modelling, API-first design, queues and event-driven processing, caching and query optimisation, RBAC and tenant isolation. Extends Laravel applications with AI capability — LLM API integration, structured outputs, tool calling, RAG with embeddings and pgvector, and n8n workflow automation — building on existing models and infrastructure rather than training them. Owns delivery end to end with Docker, GitHub Actions CI/CD, Linux, monitoring and logging, and leads teams from requirements through launch and post-release support.

TECHNICAL SKILLS

Core Competencies

Backend Engineering	PHP 8, Laravel, REST APIs, GraphQL, API architecture, authentication & authorization, validation, queues, events, caching, multi-tenancy, SaaS architecture
Frontend Engineering	Laravel Blade (primary), HTML5/CSS3, JavaScript, Bootstrap, Vue.js, jQuery, React.js, TypeScript, API-driven interfaces
AI Engineering	LLM APIs, prompt engineering, structured outputs, function/tool calling, embeddings, semantic search, RAG, vector search, AI agents, MCP
Data & Storage	MySQL, PostgreSQL, Redis, pgvector, vector databases, data modelling, query optimisation, indexing strategy
DevOps & Cloud	Docker, Git, GitHub Actions, CI/CD, Linux, Nginx, Apache, DigitalOcean, AWS fundamentals, Kubernetes fundamentals, monitoring & logging
Automation	n8n, workflow automation, webhooks, event-driven automation, third-party API integrations
Architecture	Clean Architecture, SOLID, design patterns, modular monolith, microservices where justified, event-driven architecture, API-first design, observability
SaaS Capability	Multi-tenancy, subscriptions & billing, payment gateways, roles & permissions, notifications, document management, white-label config, admin dashboards, customer portals
Security	OWASP Top 10, CSRF/XSS/SQL injection prevention, secure sessions, HTTPS enforcement, RBAC, tenant data isolation
Debugging & Testing	Xdebug, Laravel Telescope, structured log analysis, error tracking, root cause identification

HONEST LEVELLING

Technology Proficiency

Expert Owns architecture decisions	PHP 8, Laravel, Laravel Blade, REST API design, Eloquent & query optimisation, MySQL, queues & jobs, events & listeners, caching strategy, RBAC / Spatie Permission, multi-tenant SaaS, OOP & SOLID, service layer / repository, MVC & design patterns, OWASP Top 10, Git, Linux / Nginx deployment, legacy PHP modernisation
Proficient Confident in delivery	Vue.js, JavaScript, Redis, Sanctum / Passport, payment gateway integration, third-party API integration, webhooks, Docker, Composer / npm, Bootstrap, jQuery, Laravel Telescope / Xdebug, DigitalOcean, Apache, LLM API integration, prompt engineering, structured outputs, AI-assisted development

Working Knowledge Productive, still deepening	PostgreSQL, TypeScript, React.js, GraphQL, GitHub Actions, CI/CD, function / tool calling, embeddings, semantic search, RAG pipelines, pgvector, vector databases, n8n, workflow automation, AWS, monitoring & logging
Currently Developing Active learning	Agentic AI, AI agents, MCP, Kubernetes fundamentals, distributed systems, microservices at scale, advanced observability, vector search tuning, LLM evaluation

KEY STRENGTHS

How I Build Systems

▪ Architecture Chosen for the Problem

Starts from domain modelling and separation of concerns, then picks the structure: a well-bounded modular monolith for most products, service separation or microservices only where team scale or load justifies the operational cost. SOLID and design patterns applied as tools, not decoration.

▪ Security & Tenant Isolation

OWASP Top 10 mitigation as routine: parameterised queries, CSRF/XSS/SQL injection prevention, secure sessions, HTTPS enforcement, RBAC with Spatie Laravel Permission, and strict tenant scoping so one customer can never read another's data. Code audit before every release.

▪ Asynchronous & Event-Driven Design

Keeps the request cycle thin: heavy work moves to queues and background jobs, side effects run through events and listeners, scheduled tasks handle recurring load. Idempotent handlers and retry policies so a failed job is recoverable rather than a data problem.

▪ API-First Development

Designs the contract before the implementation: versioned REST endpoints, consistent resources and error shapes, Sanctum/Passport auth, rate limiting, and backward compatibility so mobile apps and integrations do not break on deploy. GraphQL where a client genuinely needs flexible querying.

▪ AI Application Engineering

Integrates LLM APIs into business applications behind clean interfaces so models stay swappable; structured outputs and JSON schemas for responses the application can rely on; tool calling that triggers real business logic under validation; RAG over documents and databases with embeddings, pgvector and permission-aware retrieval; token cost, rate limits, retries and fallbacks handled in queued jobs.

▪ Performance, Data & Observability

Query tuning and indexing, Redis caching, N+1 elimination and eager loading keep response times predictable as data grows. Xdebug, Laravel Telescope, structured logs and error tracking turn production issues into root causes — and long-term fixes rather than patches.

▪ Requirements to Production Ownership

Translates business requirements into architecture, APIs and data models, weighs trade-offs between speed, maintainability, scalability and cost, then owns delivery: sprint planning, code review, mentoring, deployment and post-release monitoring. Uses AI-assisted development to move faster while keeping human review and engineering judgement in charge.

EDUCATION

Academic Background

1. Bachelor of Science (B.Sc.) in Computer Science and Engineering (CSE)
2. Diploma in Engineering, Computer Science and Engineering (CSE)

Featured Projects

PROJECT	ROLE & CONTRIBUTION
COMMERCIAL PRODUCTS — CODECANYON	
PayLink — Multi-Tenant Laravel SaaS Laravel · MySQL · Multi-Tenancy · Subscriptions · Stripe / PayPal · Queues codecanyon.net/item/paylink/63185858	Sole Architect & Lead Engineer SaaS business platform for invoicing, recurring billing, projects, assets, documents and finance. Tenant-scoped data layer behind super-admin, company and client portals; queued jobs and scheduler drive recurring invoices and reminders; Stripe, PayPal and bank transfer billing.
MB POS — Multi-Branch Point of Sale Laravel · Vue.js · REST API · MySQL · Spatie Permission codecanyon.net/item/mb-pos/25624678	Sole Architect & Lead Engineer Laravel REST API with a Vue.js register SPA so the counter stays responsive. Per-branch stock moves through an append-only ledger, keeping transfers and concurrent sales consistent. Built RBAC, guided installer and documentation.
LaraLMS — Learning Management System Laravel · MySQL · Payments · Queues · Bootstrap codecanyon.net/item/laralms/35264363	Sole Architect & Lead Engineer Modular platform separating courses, payments, assessment and reporting, with admin/instructor/student roles. Quiz engine tracks attempts and grading rules; progress modelled across mixed lesson types so certificates issue only against verifiable state.
COMMERCIAL PRODUCT — CODESTER	
DevinTime POS — Multi-Store Point of Sale Laravel · Vue.js · REST API · MySQL · RBAC codelster.com/items/62602/devintime-pos	Sole Architect & Lead Engineer One shared catalogue with per-store stock, staff and takings, plus consolidated cross-store reporting. Store scoping enforced at the query layer so no endpoint or report can cross a store boundary.
LIVE CLIENT PLATFORMS	
B2BMap — B2B Marketplace Laravel · MySQL · Redis · REST API · Queues b2bmap.com	Lead Engineer Laravel modular monolith with domain boundaries for catalogue, suppliers, inquiries and messaging. Indexing strategy, query restructuring and Redis caching keep discovery fast as listings grow.
Textile Pages — B2B Industry Portal Laravel · MySQL · Blade · RBAC · Queues textilepages.com	Lead Engineer & Project Planner Domain-specific catalogue schema using indexed attribute tables rather than generic EAV, with role separation across suppliers, buyers and moderators. Owned roadmap, data model and delivery to launch.
Bangladesh24 — National News Portal Laravel · MySQL · Caching · Queues bangladesh24.com	Lead Engineer Custom CMS with draft/review/publish workflow and a cacheable read path invalidated on publish. Queued jobs handle media processing and distribution; stable through traffic spikes.
EditorsTime — Editorial Platform Laravel · MySQL · Blade · Bootstrap editorstime.com	Lead Engineer & Project Planner Normalised tagging and category system with related-content resolution and indexed archive queries, keeping deep pages as fast as the homepage and archive content SEO-visible.
NextNews24 — 24/7 News Portal Laravel · MySQL · Queues · Caching · Linux nextnews24.com	Lead Engineer Breaking-news pipeline with publish-triggered cache invalidation, queue workers for distribution and media, and scheduled health checks — continuous publishing with no scheduled downtime.

10 commercial products published on developer marketplaces under the handle **devintime**; the four above are the featured ones. Full portfolio and project detail: github.com/rakibuddin101