SHYKAT ROY

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Developer with 3 years of experience building production web applications and SaaS platforms using Laravel, PHP, React.js, and Next.js. Delivered transaction-heavy systems across fintech and eCommerce, including KYC verification, payment workflows, and OAuth2-secured REST APIs, with particular strength in database design, query optimization, and role-based access control. Experienced in owning features end to end, from schema design through deployment and production support.

EDUCATION

Bachelor of Technology in Information Technology, Lovely Professional University, Punjab, India — 2018 – 2022

Focus: Software Engineering, Full-Stack Development, API Integration, Database Design, Software Quality Assurance

TECHNICAL SKILLS

Backend	PHP, Laravel, Livewire, Eloquent ORM, REST API Design, Laravel Passport (OAuth2), Spatie Permission, Role-Based Access Control
Frontend	JavaScript, React.js, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Web Design, WebSockets
Databases	MySQL, PostgreSQL, Supabase, Schema Design, Indexing, Query Optimization
Integrations	GoFrugal eCommerce API, Zoho CRM API, Google Calendar API, Microsoft Outlook API, Strapi CMS, Payment Gateways
DevOps and Tools	Git, GitHub Actions, CI/CD Pipelines, Nginx, Linux VPS Deployment, aaPanel, PM2, Vercel, n8n Workflow Automation
Practices	Agile, Scrum, Code Review, Debugging, Production Support, Application Security (Input Validation, CSRF Protection, Encrypted Data Handling)

WORK EXPERIENCE

Full Stack Web Developer, PFEC Global — Nov 2025 – Present

- Deliver full-stack features for CourseFinder, a study-abroad platform indexing over 500 institutions across 5 countries and used by more than 200 counsellors, working across Laravel APIs, MySQL schema design, and React and Next.js interfaces.
- Reduced course-search response time by approximately 30 percent by restructuring listing queries, adding composite database indexes, and eliminating N+1 queries through eager loading.
- Built and maintained integrations with GoFrugal eCommerce API, Zoho CRM API, Strapi CMS, and Supabase, eliminating manual data entry across business operations.
- Deploy and maintain multiple Laravel and Strapi services on Linux VPS infrastructure using Nginx, PM2, and aaPanel, covering SSL configuration, process monitoring, and production incident resolution.
- Set up automated deployment pipelines with GitHub Actions, removing manual release steps and shortening the path from merge to production.
- Automated recurring reporting and data workflows using self-hosted n8n on Google Cloud, reducing manual effort on repeated marketing and SEO tasks.

Junior Backend Developer, AppsInception — Feb 2023 – Feb 2025

- Built secure REST APIs with Laravel and PHP for fintech and eCommerce platforms handling investments, KYC verification, deposits, withdrawals, and commission calculations across multi-tier user hierarchies.
- Implemented OAuth2 authentication with Laravel Passport and role-based access control with Spatie Permission, securing endpoints across admin, business, and end-user access levels.
- Optimized MySQL schema, indexing, and query performance for transaction-heavy modules, improving response times on high-volume account and order operations.
- Applied application security practices including input validation, CSRF protection, and encrypted data handling across protected backend endpoints.

PROJECTS

SayCheese Captures, Wedding Photography Studio Platform | Next.js, Laravel REST API, MySQL, Tailwind CSS, Vercel

- Built a server-rendered Next.js frontend consuming a Laravel REST API, covering service pages, portfolio galleries, wedding films, client testimonials, and a blog for a Chennai-based photography studio.
- Developed a Laravel admin panel that lets non-technical staff manage banners, galleries, service content, team profiles, blog posts, and video testimonials without developer involvement.
- Implemented WebP media delivery and Next.js image optimization across large photo galleries to keep load times low on image-heavy pages, and built a quote-request flow capturing client enquiries. Live at say-cheese-captures-kykd.vercel.app

CalendarSync, Unified Calendar Management Platform | Laravel, Next.js, Google Calendar API, Microsoft Outlook API, Vercel

- Built a SaaS platform unifying Google and Outlook calendars into a single dashboard with real-time synchronization and secure multi-provider authentication.
- Integrated Google Calendar API through Google Cloud Console and Microsoft Outlook API to synchronize events, meetings, and schedules across providers.
- Deployed on Vercel with a centralized dashboard for managing calendar data from multiple accounts. Live at calensync-woad.vercel.app

Fatx.io and SRFMart, Fintech and eCommerce Backend Platforms | Laravel, MySQL, REST API, Laravel Passport, Spatie Permission

- Designed and built 60+ REST API endpoints for a referral-based investment platform, covering registration, KYC verification, deposits, withdrawals, investment returns, and multi-tier referral commission calculations.
- Implemented OAuth2 token-based API access and granular role and permission management across admin, user, and business access levels.
- Optimized MySQL schema, indexing, and query performance for transaction-heavy modules and multi-level user hierarchy operations.

Balaji Nuts and Spices, eCommerce Platform | Next.js, Laravel REST API, GoFrugal eCommerce API, Zoho API, MySQL, WebSockets

- Built a Next.js storefront consuming a Laravel REST API, serving 400+ active users across product catalog, categories, pricing, stock, cart, and checkout flows.
- Integrated GoFrugal eCommerce API to synchronize product, inventory, pricing, and order data between the retail system and the web platform.
- Implemented WebSocket-based real-time order notifications, pushing new orders to the admin dashboard instantly instead of requiring manual page refreshes.
- Optimized MySQL queries and backend response structures to improve product listing and category loading performance. Live at balajinutsandspices.com

Project Management System and Ads Server | Laravel, MySQL, JavaScript, Material Design

- Developed a project management system with task boards, drag-and-drop cards, project tracking, and user invitation workflows.
- Created ad management modules covering slot booking, ad creation, upload, approval, scheduling, and campaign management across banner, native, and paid placements.
- Implemented reporting workflows for CPC, CPM, and CPD metrics with validation, database design, and secure backend logic.

OPEN SOURCE

webpbolt, Laravel Image Processing Package | PHP, Composer, Packagist

- Authored and published an open-source Composer package that converts uploaded images to WebP with a chainable transform pipeline, reducing image file sizes and the boilerplate required for image handling in Laravel projects.
- Published on Packagist at packagist.org/packages/shykat199/webpbolt and used in production across multiple client projects.

LANGUAGES

Bangla (Native) | English (Professional Working Proficiency) | Hindi (Conversational)

INTERESTS

Cooking | Travelling | Film