

SAKHAWAT HOSSAIN

Backend Software Engineer | Laravel, PHP & AWS

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PROFESSIONAL SUMMARY

Backend Software Engineer specializing in PHP and Laravel, with strong experience in designing modular, service-based backend architectures, scalable RESTful APIs, complex business logic, and database-driven applications. Experienced in building and maintaining production systems for international clients, with hands-on expertise in AWS infrastructure and deployment including EC2, S3, Aurora RDS, SES, SSM, OIDC, and Application Load Balancer. Also experienced in full-stack development with React, Next.js, and modern web technologies.

TECHNICAL SKILLS

- **Backend & Architecture:** PHP 8+ (OOP), Laravel (v10/v11/v12), MVC, Modular Architecture, Service-Based Architecture, RESTful API Design & Versioning, SOLID Principles, Design Patterns
- **Frontend & UI:** JavaScript (ES6+), TypeScript, Next.js 15, React.js, Vue.js, Tailwind CSS, Blade, HTML5, CSS3, Responsive Design
- **Real-Time & Caching:** WebSockets, Laravel Reverb, Laravel Echo, Pusher, Redis Caching, Event Broadcasting, Queue Workers
- **Databases & Optimization:** MySQL, PostgreSQL, SQLite, Database Normalization, Indexing, Complex Query Optimization, Eloquent ORM
- **Cloud & DevOps:** AWS (EC2, S3, Aurora RDS, SES, SSM, OIDC, Application Load Balancer), Nginx, Linux CLI, CI/CD, Git/GitHub, Docker
- **Security & Payments:** Laravel Sanctum, JWT, OAuth2, RBAC, Stripe, SSLCommerz, bKash, Automated Webhooks

WORK EXPERIENCE

Laravel / Backend Developer | Softvence IT Ltd

Dec 2025 - Present | Mohakhali, Dhaka, BD

- Design and develop scalable Laravel backend systems using modular and service-based architecture, RESTful APIs, and reusable business logic.
- Develop production-ready web applications, administrative dashboards, CRM workflows, and multi-vendor business modules for international clients.
- Design and optimize database schemas, relationships, indexes, and complex Eloquent/SQL queries, improving backend processing performance by 30%.
- Integrate third-party services, payment gateways, and webhook-based workflows with reliable error handling and retry mechanisms.
- Deploy and maintain production applications on AWS infrastructure, working with EC2, S3, Aurora RDS, SES, SSM, OIDC, and Application Load Balancer.

Jr. Technical Assistant / Software Operations | Edison Industries Ltd

Jan 2024 - Nov 2025 | Savar, Dhaka, BD

- Provided technical troubleshooting and hardware-software system integration for production and engineering lines.
- Developed automated diagnostic scripts and data logging routines to streamline equipment testing workflows.
- Collaborated with cross-functional engineering teams to diagnose system bottlenecks and improve operational turnaround time by 20%.

App Developer (Intern / Trainee) | Kodeeo Ltd

Sept 2023 - Nov 2023 | Uttara, Dhaka, BD

- Designed and documented modular RESTful APIs consumed by mobile (Flutter) and web client applications.
- Engineered real-time notification pipelines and socket broadcasting using Laravel Reverb and Echo.
- Developed role-based multi-guard authentication modules using Laravel Sanctum.
- Collaborated with UI/UX designers to translate Figma prototypes into pixel-perfect, accessible web interfaces.

LIVE & PRODUCTION PROJECTS

- **MyBergo - Multi-Vendor Hotel & Property Booking Engine** (mybergo.com) - Architected a Booking.com-style property management platform where hosts list hotels/accommodations and guests reserve in real time with date-availability locks, seasonal pricing, and host payout dashboards.
- **Organ Sciences - D2C Organic Supplement Subscription Portal** (organ-sciences.vercel.app) - Developed recurring subscription e-commerce portal with Next.js & Laravel, implementing automated recurring billing, subscriber customer portals, and Stripe subscription webhook listeners.
- **Auction Retriever — Property Auction Scraping Engine** (auctionretriever.com) - Architected the automated multi-source scraping engine and GraphQL backend aggregating thousands of real estate and land auction deals across the US. Features DomCrawler queue pipelines, Lighthouse GraphQL search, Stripe Cashier subscriptions, and weekly investor digests.
- **EHLISTINGS — Local Events, City Guide & Community Directory** (ehlistings.com) - Engineered the complete scalable Laravel backend for a live US local city listings & events hub. Built with GraphQL APIs (Lighthouse), real-time WebSockets (Laravel Reverb), automated Stripe payments, Twilio SMS verification, and Firebase Cloud Messaging (FCM).

EDUCATION

Diploma in Computer Science & Technology | Dinajpur Institute of Science & Technology (2019 - 2023)

Higher Secondary Certificate (HSC) - Science | Kader Box Memorial College (2017 - 2019)