

Md Ishtiaque Ferdous

Full-Stack Software Engineer • PHP / Laravel • RESTful APIs • React.js

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3 years of professional experience designing, building, and shipping scalable web applications and RESTful APIs. Specialized in PHP/Laravel backend architecture with hands-on experience in React.js frontends, Docker containerization, and Redis performance optimization. Delivered production-grade systems for B2B commerce, agricultural trading, and government institutions. Experienced in Agile/Scrum environments across both remote and onsite settings.

TECHNICAL SKILLS

Backend	PHP, Laravel, Spring Boot, Python, Java, Eloquent ORM, RESTful API Design
Frontend	JavaScript (ES6+), React js, Vue js, Tailwind CSS, Bootstrap, HTML5, CSS3, AJAX
Database	MySQL, PostgreSQL, Redis, Memcached
DevOps	Docker, AWS, CI/CD Pipelines, Linux, Nginx, Server Deployment
Tools	Git, Jira, Azure Boards, Trello, Gerrit, Socket.io, Queue Jobs, PWA, Agile/Scrum

PROFESSIONAL EXPERIENCE

Backend Software Engineer

Aug 2024 – Present

Fashol Ltd. • Dhaka, Bangladesh

- Engineered scalable B2B dashboards and backend systems in Laravel/PHP and MySQL, serving 10,000+ monthly active users across multiple product lines.
- Reduced average API response time by 35% by implementing Redis/Memcached caching and optimizing complex MySQL queries with proper indexing strategies.
- Architected and delivered 20+ secure, well-documented RESTful APIs integrated by React.js frontends and Flutter mobile applications.
- Streamlined deployment pipelines via Docker containerization, eliminating environment inconsistencies and cutting deployment-related bugs by 60%.
- Collaborated cross-functionally with frontend, mobile, and product teams delivering high-performance features in a fast-paced Agile environment.

Software Engineer — Team Lead

Feb 2024 – Aug 2024

Flyte Solutions Ltd. • Dhaka, Bangladesh

- Led a team of 4 engineers as Team Lead and Backend Engineer, owning feature delivery, code reviews, and technical decisions on a multi-system SaaS platform.
- Integrated SSLCOMMERZ payment gateway enabling secure online transactions for 5,000+ registered users with zero downtime post-launch.
- Automated Excel report generation and email delivery using Laravel queue-based background jobs, saving 15+ hours per week of manual effort.
- Maintained 99.5% server uptime by managing live deployment, monitoring, and incident response across production environments.
- Developed frontend features with React.js alongside Laravel backend services, working in an Agile/Scrum workflow tracked via Jira and Azure Boards.

Junior Software Engineer

Mar 2023 – Oct 2023

NextGen Innovation Ltd. • Dhaka, Bangladesh

- Designed and deployed a Notification Module using Laravel Events and Listeners, reducing user-facing notification delivery latency to under 200ms.
- Built a reusable dynamic form and reporting engine applying abstraction and OOP principles, cutting new feature implementation time by 30%.
- Integrated SSLCOMMERZ and AmarPay payment gateways for secure e-commerce transactions, tested end-to-end before production release.
- Optimized MySQL and PostgreSQL databases through strategic indexing and query restructuring, achieving a 40% reduction in average query execution time.

KEY PROJECTS

Agro Auction BD — Agricultural Auction & Trading Platform (Ongoing) | *Laravel • PHP 8.3 • React • Vite • MySQL • Laravel Passport • Laravel Reverb • Nginx*

- Built a full-stack auction platform with RESTful APIs, OAuth2-style API access via Laravel Passport, and real-time bidding updates using Laravel Reverb WebSockets.
- Implemented production-oriented deployment on Ubuntu (Nginx, PHP-FPM, queued workers, scheduled tasks) and hardened configuration for a public-facing server.
- Delivered a Vite-powered React frontend with optimized asset builds and environment-aware configuration for live URLs and WebSocket endpoints.
- Ongoing: extending features, monitoring production stability, and iterating on deployment and real-time performance.

Jogaan — Agricultural Trading Platform | *Laravel • MySQL Spatial • Socket.io • Redis*

- Developed backend for a nationwide agricultural platform serving Fashol agents across Bangladesh, processing real-time market price intelligence.
- Implemented geospatial features — live location tracking, map-based market filtering, and market clustering — using MySQL spatial queries.
- Integrated Socket.io for real-time price updates with under 1-second latency; added push notifications and SMS alerts for field agents.

Bangladesh Food Safety Authority — Lab Information Repository | *Laravel • MySQL • Government*

- Contributed to an official Government of Bangladesh platform for food laboratory discovery and regulatory transparency across divisions.
- Implemented multi-filter advanced search (by lab name, division, district), role-based authorization, scheduled tasks, and payment gateway integration.

EDUCATION

Bachelor of Science in Computer Science & Engineering

2018 – 2022

United International University, Dhaka, Bangladesh

Award: 1st Place — Project Showcase, United International University. Developed a full-featured desktop application using Java Swing with MySQL database integration.

ADDITIONAL INFORMATION

Work Preference: Open to remote positions worldwide; onsite opportunities in UAE/Middle East; relocation with visa sponsorship.

Languages: Bengali (Native) • English (Professional Working Proficiency)