

MD Ariful Islam Saikat

Staff Software Engineer

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SUMMARY

Staff Software Engineer with 6+ years of backend development experience in fintech, HRMS, and e-commerce. Now leads engineering at Inncon Group on a platform used by 5,000+ investment partners. Built its digital wallet on double-entry accounting, and it moves over BDT 40 million (approx. USD 330K) in partner profit every month. Strong in PHP, Laravel, REST API design, database optimization, and DevOps.

SKILLS

- **Languages:** PHP, JavaScript
- **Backend:** Laravel, Express.js, REST API design, JWT, OOP, Unit Testing
- **Frontend:** React.js, Bootstrap, Material UI, HTML5, CSS3
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **DevOps and Cloud:** AWS, DigitalOcean, Docker, GitHub Actions (CI/CD), Linux
- **Tools:** Git, PHPUnit, Postman, VS Code

EXPERIENCE

Staff Software Engineer, Inncon Group

Dhaka, Bangladesh | Jan 2026 - Present

- Lead engineering for mydatasbd, the company's platform for 5,000+ investment partners. It has three parts: an investment system, an online store, and a digital deed system.
- Manage three in-house engineers and three vendor companies. Assign their tasks and review the work they deliver.
- Built the platform's new digital wallet. The old one had too many calculation errors, so we replaced it instead of fixing it. The new wallet uses double-entry accounting, so every balance comes from journal and ledger entries instead of a stored number, and any amount can be traced back and checked.
- Automated the monthly profit share. The system calculates each partner's profit and adds it to their wallet directly. Over BDT 40 million goes through this process every month.
- Built partner-to-partner transfer and withdrawal on the same ledger. For a withdrawal, the system creates a payout list. The accounts team then pays by cheque, or sends the list to the bank for payment. No third-party payment service is used.
- Built a scheduled job that moves a set percentage from a partner's main wallet to their shopping wallet on a fixed date each month. It posts to the same journal and ledger, so both balances stay correct.
- Built the digital deed system. It creates the investment deed for each partner online and prepares it for printing on BDT 100 judicial stamp paper.
- Added the shopping wallet as a payment method in the online store, so partners can pay from their wallet balance instead of an outside payment gateway.

Technologies: PHP, Laravel, React.js, MySQL, Redis, Docker, DigitalOcean, GitHub Actions, Scheduled Jobs

Software Engineer, Ryans Computers Ltd

Dhaka, Bangladesh | Aug 2022 - Dec 2025

- Designed and maintained an HRMS for 600+ employees. It covers attendance, payroll, leave, performance review, and employee self-service.

- Built an automated payroll system that handles salary, bonus, loans, and tax with 99% accuracy.
- Replaced password-based attendance with biometric devices. This stopped proxy attendance and reduced payroll mistakes across the company.
- Reduced HR admin work by 35% using workflow automation, cron-based reconciliation, and reports across modules.
- Worked closely with the HR team to find daily problems and build backend features that solved them.

Technologies: PHP, Laravel, MySQL, Redis, Docker, AWS, Cron Jobs, Queues, Git

Software Engineer, Shodaimama

Dhaka, Bangladesh | Feb 2021 - May 2022

- Built a full-stack e-commerce platform with a React.js frontend and Express.js REST APIs for web and mobile. It covers login, product catalogue, orders, and payments.
- Designed database schemas and optimized queries to keep the site fast under heavy load.
- Improved code quality in a mixed-experience team through regular peer review.

Technologies: React.js, Express.js, MongoDB, Redis, Docker, AWS

Software Engineer, Advanced Apps Bangladesh

Dhaka, Bangladesh | Oct 2020 - Jan 2021

- Built a SaaS task management system for finance teams, on web and mobile. It has role-based scheduling, deadline tracking, and automatic reminders based on user permissions.
- Fixed production bugs, improved REST API response times, and handled server deployment and maintenance through cPanel.
- Set up data backups and applied security hardening on the production server.

Technologies: PHP, Laravel, Vue.js, MySQL, GitLab

Software Engineer, Edorpon

Dhaka, Bangladesh | Sep 2019 - Sep 2020

- Built Laravel web applications for clients, including user management systems, custom report modules, and automated business workflows.
- Handled the full project cycle: requirements, backend development, REST API integration, testing, and deployment.
- Integrated third-party REST APIs and introduced practices that made the team's work faster and more consistent.

Technologies: Laravel, MySQL, jQuery, Git

PROJECTS

ImageSquad - Full-stack image editing platform

- Built on a custom PHP MVC framework with its own routing, separate controllers, and a modular structure.
- The React.js frontend gives a single-page editing experience. PHP's ImageMagick extension processes images on the server, with no page reload.

Technologies: React.js, Bootstrap, Material UI, PHP, ImageMagick

EDUCATION

M.Sc. in Computer Science, Jahangirnagar University

2024 | CGPA 3.60

B.Sc. in Computer Science and Engineering, Daffodil International University

2019 | CGPA 3.39