Md. Shahriar Mahmud
Full Stack Developer

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Professional Summary

Full Stack Developer skilled in **Laravel (PHP)** and **Next.js (React)**. Experienced in designing and deploying scalable ERP systems, automating workflows, and improving operational efficiency with custom web solutions.

Professional Experience

Toha Metal Engineering Works – Khilkhet, Dhaka, Bangladesh
Full Stack Developer | *Jul 2024 – Present*

- Spearheaded end-to-end development and deployment of a scalable **ERP** system (**Laravel** backend, **Next.js** frontend), streamlining operations and boosting performance by up to **80%** over the company's legacy system.
- Architected and developed **RESTful APIs** using **Laravel Eloquent**, adhering to **ACID** principles and **SOLID** design patterns; implemented robust validation and secure authentication workflows.
- Containerized services with **Docker** and configured **Nginx** and set up **CI/CD** pipelines for efficient deployment.
- Optimized landing pages for **SEO**, improving load speed by **50%** over competitors through front-end tuning.
- Integrated **Stripe** for secure payments during a trial **collaboration** with an external development team.
- **Directed agile development** via **Jira**, oversaw **GitHub version control**, and **documented** architecture for smooth onboarding and long-term scalability.

Education

Bachelor of Science in Computer Science and Engineering (B.Sc. in CSE)
American International University-Bangladesh (AIUB)
Graduation Year: *2024*
Major: ***Software Engineering***

Featured Projects

Subscription Tracker *(Feb 2025 - Jun 2025)*
- **Features:** Full-stack subscription management, modern responsive UI, secure RESTful API (JWT), email notifications, efficient background job processing.
- **Technologies:** Laravel, Next.js, TypeScript, MySQL, Redis, Docker.
- **Result:** Reduced missed payments and surprise charges by 70% through proactive email reminders and organized subscription tracking.

Live URL: https://subs-tracker.mdshahriar.me

Users Data Playground *(Mar 2025)*
- **Features:** Form handling & validation, API integration with Axios, debounce-based search, useContext & custom hooks, interactive data visualization.
- **Technologies:** React.js, JavaScript, Tailwind CSS, DaisyUI, Axios, Recharts.

Live URL: https://data-playground.mdshahriar.me

More projects: https://mdshahriar.me

Technical Skills

Frameworks & Libraries: Laravel, Next.js, ReactJS, *NestJS, ASP.NET*

UI and Styling: Tailwind CSS, Bootstrap, HTML5, CSS3

Languages: C, C++, PHP, JavaScript, *TypeScript, C#, Java, Python*

Databases: MySQL, Redis

Deployment and DevOps: Git, GitHub, Docker, Nginx, *CI/CD (GitHub Actions)*

Tools and Design: Figma, Photoshop, draw.io, Jira, Trello