



Md Riazul Islam

FullStack Developer

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Senior Full Stack Developer with experience architecting, developing, and operating scalable production systems using React (Next.js), Vue.js, Inertia.js, PHP, and Laravel. Strong expertise in RESTful API design, service integration, authentication and authorization, and complex request lifecycle management. Proven experience building web scraping and automation pipelines, leveraging n8n for workflow orchestration, background processing, and system synchronization. Advanced proficiency in MySQL, including data modeling, indexing, and query optimization. Solid frontend engineering skills with Bootstrap and Tailwind CSS, delivering performant, maintainable, and responsive user interfaces, along with advanced WordPress customization. Experienced in deploying and managing cloud infrastructure on AWS and DigitalOcean, including server provisioning, application deployment, and administration via cPanel and WHM, with a focus on code quality, system reliability, and performance optimization.

Work Experiences:

Senior FullStack Developer

BHE UNI - EdTech

Sep 2022 - Present

Job Responsibilities:

- Architected and delivered scalable full-stack web applications using **Laravel (Blade)**, **Next.js**, **Inertia.js**, **Vue.js**, and **RESTful APIs**, applying MVC, modular architecture, and clean code principles to support long-term scalability and maintainability.
- Led backend system design with **PHP** and **Laravel**, defining API contracts, implementing authentication and authorization (JWT/session-based), input validation, error handling, and enforcing security best practices.
- Designed and optimized relational data models using **MySQL**, focusing on schema design, indexing strategies, query optimization, transactional integrity, and performance tuning for high-traffic systems.
- Implemented performance and scalability strategies including **caching layers**, optimized queries, background jobs, and automation pipelines to improve system throughput and reliability.
- Built, customized, and extended **WordPress** solutions through advanced theme and plugin development, ensuring performance optimization, security hardening, and maintainable codebases.
- Owned cloud architecture and DevOps operations across **AWS** and **DigitalOcean**, including server provisioning, deployment automation, environment configuration, monitoring, and production maintenance.
- Utilized infrastructure and development tools such as **WHM**, **cPanel**, **Laravel Forge**, **Git**, **GitHub**, **TablePlus**, **SourceTree**, and **Trello** to support CI workflows, version control, database management, and team collaboration.
- Designed and deployed **web scraping and automation systems**, leveraging **n8n workflow orchestration** for data extraction, background processing, and cross-system synchronization.
- Produced technical documentation, architecture guidelines, and validation processes to ensure system reliability, security compliance, and operational consistency.
- Provided technical leadership by identifying architectural risks, resolving complex system issues, optimizing workflows, and driving projects to on-time, production-ready delivery.

Working on: [CRM \(Lead2enrollment\)](#), [EdTech Web Application](#), [Marketing School](#), [LMS](#), [Study Abroad Website](#), [Student Consultancy](#), [Digital Marketing Agency](#), [College Website](#), [Ticket Booking Website](#), [Charity Web App](#), [News Portal](#)

Job Responsibilities:

- Designed responsive websites using Bootstrap, Tailwind CSS, and React.js
- Customized and extended WordPress premium themes, delivering tailored functionality and layouts
- Developed custom WordPress plugins and performed performance and speed optimization
- Implemented on-page SEO optimization to improve search visibility and performance
- Optimized website scalability, performance, and load times across production environments
- Developed web applications using PHP and the Laravel framework
- Managed hosting environments using WHM and cPanel, including domain configuration and Cloudflare SSL setup

Worked: Group of Company Website, Nursing Institute Website, Polytechnic Website, Medical College Website, Diagnostic Center Website, Engineering College Website, HRM Software, Admission Management System, Overseas.

IT Officer

Dhaka Group

May 2018 - Nov 2020

Job Responsibilities:

- Website Design, Development and Maintenance <https://www.dhakagroup.com>
- ERP software Configure and Maintenance.
- cPanel, Domain & Hosting Maintenance and IT Support.
- FTP server, Microsoft Cloud Server Configure and Backup Server management.
- Networking with Cisco/Mikrotik router, switch, access control, Anti-virus management.

Skills & Technologies:

- Languages & Frameworks: React.js, Next.js, Inertia.js, PHP, Laravel, WordPress, Python
- CSS Frameworks & UI Libraries: Bootstrap (v3, v4, v5), Tailwind CSS, Flowbite UI, Material UI, Alpine.js, Filament
- Databases: MySQL, PostgreSQL, MongoDB, SQLite
- Tools & Technologies: Laravel Forge, WHM, DigitalOcean Cloud, cPanel, AWS, n8n
- Version Control & Project Management: Git, GitHub, GitLab, Bitbucket, Trello, Postman
- OS & Dev Tools: macOS, Linux, SSH, CI/CD, PuTTY, DBeaver, TablePlus, DBForge Studio

Courses and Certifications:

- Innovative Skills - Machine learning & NLP
- Grameenphone Academy - Fundamental of AWS.
- Programming Hero - Web Development with MERN (MongoDB, Express Js, ReactJs & Node).
- HR Venture - Full Stack Web Development with PHP, Laravel.
- Coder Trust - WordPress Customization and Development.
- Instructory - Advanced Web Design with SASS & Flexbox.
- Pentanik IT - Basic Web Design.
- Biird - Web Design & Freelancing.

Educational Qualifications:

- M.Sc. in Computer Science and Engineering, Jahangirnagar University
- B.Sc. in Computer Science and Engineering, Fareast International University
- Diploma in Telecommunication Engineering, Shariatpur Polytechnic Institute
- SSC in humanities, Gaidya MS Fazil Degree Madrasha

Others Projects:

[Notes with Ai Tag Generation](#), [Personal AI Assistant](#), [Pharmacy Management System](#), [Stock Management App](#), [Online News Portal](#), [Building Solution Company Website with CMS](#), [Rupalie \(E-Commerce\)](#), [Interior Website singapore \(Eldar Interior\)](#), [Machinaries Solution Company Website with CMS for Texcoms Services](#), [Online Medical Reporting System for Asia Medical](#)

Interests:

- **Continuous Learning:** I am passionate about staying updated with the latest advancements in web development technologies and methodologies. Whether it's attending workshops, online courses, or reading industry publications, I thrive on expanding my knowledge base to enhance my skills and stay ahead of the curve.
- **Problem Solving:** I find fulfillment in tackling complex challenges and finding creative solutions. As a web developer, I enjoy the process of breaking down problems into manageable tasks and implementing efficient and elegant solutions that meet both user needs and project requirements.
- **Open Source Contribution:** Contributing to open-source projects allows me to give back to the community while honing my skills and collaborating with other developers worldwide. I find satisfaction in being part of a collective effort to improve software accessibility, functionality, and security for all users.

References:

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