

# MAHADI HASSAN (BABU)

Full Stack Web Developer (Laravel, React and Next JS)



## PERSONAL DETAILS

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## OBJECTIVES

To obtain a challenging position where as a part of a powerful team, I can make a noticeable contribution to a company's growth by exploiting my skills and potentials to the fullest.

## WORK EXPERIENCE

**Barikoi Technologies Limited (October 2024 - June 2025)**

**Software Engineer**

**Duties/Responsibilities:**

- Designed and implemented RESTful APIs to support various features and data integrations within the application.
- Participated in client meetings to gather detailed requirements for new features, ensuring alignment between business objectives and technical implementation.
- Integrated WebSocket technology to deliver real-time notifications to users, enhancing system interactivity and responsiveness.
- Took full ownership of developing report-related APIs, including requirement gathering, database design, backend logic, and testing to ensure accurate and efficient reporting functionality.
- Modified existing features based on user feedback and improved application performance through query optimization and database indexing.
- Conducted thorough testing in the local development environment before deploying stable, production-ready code to the live server.
- Actively engaged in discussions with the Project Manager to identify and eliminate unnecessary complexity, improving maintainability and scalability.
- Refactored legacy code to follow best practices and modern coding standards, resulting in improved performance and readability.
- Managed code updates and version control, ensuring seamless and secure deployment processes on production servers.
- Dockerized the application for consistent and portable development and deployment environments, improving scalability and system reliability.

**Shikkha Pvt. Limited (July 2023 - September 2024)**

**Full Stack Web Developer**

**Duties/Responsibilities:**

- Developing API and UI according to client requirements.
- Task distribution with Module.
- Feature modification and optimize database query optimization.

- Code review of every pull request.
- Code testing locally and live code in server.
- Meeting with Project manager and reduce complexity
- Lead the Juniors Developers.
- Code refactoring and Optimization.
- Check every pull request and Merge code in github.
- Code update in server.
- Project deployment in AWS with EC2 route and add load balancer.
- Project dockerization etc.

### ***VISER X (February 2022 – June 2023)***

#### ***Full Stack Web Developer***

##### **Duties/Responsibilities:**

- Collect, organize, and analyze user requirements.
- Prepare application development data flow and setup rules and logic.
- Database design and development.
- Write well-designed, testable code.
- Integrate software components and API into a fully functional software system.
- Document and maintain software functionality.
- Team work collaboration and coordination on problem solving and development.
- Troubleshoot, debug and upgrade existing systems software and generic applications.
- Develop existing programs by analyzing and identifying areas for modification
- Provide recommendations for continuous improvement.
- Code live in server and optimize query complexity.

### ***Xentech (Turtle Venture) (October 2019 – August 2021)***

#### ***Junior Web Developer***

##### **Duties/Responsibilities:**

- Application development as per user requirements & instruction.
- Software release to server.
- Preliminary testing for newly developed software.
- Feedback solving and bug fixing.
- Helping team members when needed.
- Building user manual for the newly developed software

## **TRAINING**

#### **PHP and Javascript**

##### **Course Content:**

- Introduction with PHP.
- PHP programming concepts.
- PHP functions.
- MySQL database.
- SQL queries.
- Arrays and Arrays functions.
- OOP PHP concepts.
- E-Commerce Web Application project with OOP PHP.
- Introduce with Laravel Framework.
- Javascript basics.
- JQuery scripting functionality.

## EDUCATION

### Diploma Engineering in CSE

Pabna Polytechnic Institute, Pabna

- CGPA - 3.19

Aug 2014 - Aug 2018

### Secondary School Certificate

Bhangura Public School, Bhangura, Pabna

- Section - Science
- GPA - 5.00

Jan 2012 - Dec 2013

## SKILLS

- Programming knowledge: PHP, JavaScript, C.
- Web development: HTML5, CSS3, jQuery, AJAX, Tailwind CSS, Bootstrap, JSON, API.
- Database knowledge: MySQL, PostgreSQL, SQL Server, MongoDB
- Frameworks: Laravel, Codeigniter, React JS, Vue JS, Next JS, Express JS.
- Version Control System: Git.
- Project Management Tools: Jira, Bitbucket, Github, Trello, Plane.
- OS: Ubuntu, Windows.
- FTP: SSH, Filezilla.
- Development Environment: Xampp, Laragon, Homestead, Vagrant and Docker.
- Hosting : AWS , CPanel

## TECHNOLOGIES EXPERIENCE

**Laravel (PHP Framework)** : I am a Full Stack Developer with over five years of experience in Laravel, focusing on backend development using the PHP framework. I have built various applications, including business websites, quiz platforms, e-commerce solutions, inventory systems, HRM tools, e-learning platforms, and banking applications. I have worked with databases like MySQL, SQL Server, and PostgreSQL in Laravel and integrated payment gateways like PayPal and Stripe for secure transactions. I also use Docker to create reliable, cross-platform application environments, ensuring scalability and efficiency.

**React.js & Next.js:** Alongside my expertise in Laravel, I have nearly two years of professional experience in React.js and Next.js, specializing in building modern, responsive, and user-friendly frontend applications. My skill set includes state management using Redux and the Modern Redux Toolkit, enabling efficient and structured state handling for complex applications. I have successfully developed dynamic interfaces for e-commerce platforms, inventory management systems, and HRM tools, ensuring seamless user experiences and optimal performance. By leveraging the powerful features of React and Next.js, including server-side rendering, component-based architecture, and advanced state management, I deliver highly scalable and efficient frontend solutions that enhance both functionality and visual appeal.

**AWS Expertise:** With over a year of hands-on experience in AWS, I am proficient in deploying and managing full-stack projects on AWS servers. I have worked extensively with EC2 instances, Route 53, Load Balancing, RDS, and S3 buckets. I can handle end-to-end deployment processes, including domain setup, HTTPS certificate generation, target group configuration, port management, and cron job setup. From connecting domains to hosting and optimizing the entire project lifecycle, I ensure secure and efficient deployment solutions tailored to business needs.

**Additional Experience:** I have hands-on experience with Node.js using the Express framework, along with MongoDB for building scalable and efficient backend systems. As part of my learning journey, I developed a feature-rich blog application, showcasing my ability to design and implement robust solutions. Additionally, I have worked with Vue.js at the production level, where I contributed to developing a comprehensive HRM

management system, further demonstrating my versatility and expertise in modern web technologies.

## PROJECT EXPERIENCE

### 1. Core21

<http://core21.com.bd>

Core21 is a company portfolio website. There are many products and services of this company. All the products are maintained based on categories and subcategories.

### 2. Megna Group

<https://meghnagroupbd.com>

This application developed in Laravel which is representing companies products. There are many products and services of this company. All the products are maintained based on categories and subcategories. User can select English or Arabic language to overview the website.

### 3. Dhaka Talk

<http://dhakataalk.com>

Dhaka Talk is a magazine based web application developed in Laravel. System Admin can write different categories and sub-categories contents. There are two type of users are in this system such as System Admin and visitor. Visitor can read the posts and share their opinion by like and comments.

### 4. Aborton

<http://www.aborton.com.bd>

Aborton is a handicraft product based website. This website is representing products by category/subcategory. Visitor can see products from this website. And they can contact with authority thorough messenger from the application.

### 5. Sobyasachi

<https://www.sobyasachi.com>

Sobyasachi is a content based web application with various type of authors developed in Laravel. Authors can write different categories and sub-categories contents. There are three type of users are in this system such as

Author, Visitor and System Admin. Visitor can give their suggestions and also can share their problems. System Admin verify/approve everything such as articles, users, suggestions, comments etc.

### 6. Society Management

Society Management is a web application for a specific area's society members. There are different features included in this application like as library management, member management, member subscriptions, accounts management, etc. Registered members can borrow books from library through the system.

### 7. Lanka Bangla Finance

Lanka Bangla Finance is a Banking Management System that's developed in PHP Framework Laravel. Customer can take loan through some process and they can also apply for CREDIT Card, Master Card and VISA Card. These Card have some precondition like as customer monthly income, customer age etc. that's maintained through this system.

### 8. Examiner

Examiner is an online MCQ Question based Web Application. In this application I have developed several API like as Question Bank, Dashboard, Exam Script etc.

### 9. IESZONE

<https://ieszone.com.bd>

Ieszone is an single vendor E-commerce Web Application that's managed by PHP popular framework called Laravel. Add o Cart (without page reloading), Add to Wish-list (without page reloading), Multi-auth management and SSL

Commerz Payment Gateway are implemented in this application.

### 10. MOVESBD

<http://167.99.76.201>

MovesBD is a Web Application that's managed by PHP framework called Laravel .There are two types of user

such as student and visitor. Through this application student can study their selected university and visitor can visit their

selected country by submitting their necessary documents. This document will check dynamically desk by desk through a process. The system users can approve or reject their documents.

#### **11.Fashion Field**

**<https://fashionfield.viserx.net>**

This is an E-commerce website that's developed by PHP Framework Laravel, Javascript Library React and State Management Library Redux. Customer will be logged in the system by OTP. Customer can return full payment or partial payment in this system. They buy product from their wallet system if they have enough money in their wallets. SSL Commerz payment gateway is integrated in this system.

#### **12.DBL Ceramics**

**<https://dblceramics.com>**

DBL Ceramics web application is managed by Next JS and Laravel. Backend is developed by Laravel and Frontend manages with Next Js. Here have appointment system. User can take appointment of a showroom by date

and time wise within next two weeks from current date by this application and have also many features in this application.

#### **13.Naf Inventory**

**<https://naf-inventory.viserx.net>**

Naf Inventory is an inventory management application that's developed with Laravel for Backend and Frontend with React JS. It's an application for selling machine parts. User can request for buying machine parts. And admin will

notify for this request by a requisition. There are two types of request in this system.

#### **14.Gen Air Inventory**

**<https://gen-air.viserx.net/>**

Gen Air Inventory is an inventory management application that's developed with Laravel for Backend and Frontend with React JS. It's an application for selling machine parts. User can request for buying machine parts. And admin

will notify for this request by a requisition. There are two types of request in this system. FOC system also integrated in this application.

#### **15.Office SEO VISER X**

**<https://office.seoviserx.com/login>**

This is an office application that's tracked every employee's specially content writing and seo department tasks. This application provides mail for any holiday by a notice. Besides system admin can observe all the tasks by his

dashboard record.

#### **16. Project-X**

**<https://project-x.viserx.dev>**

This is an ERP application. Employees attendances, Leave Management, Notice, Asset Management, Lead Management, Project Management, Finance Management etc features are implemented in this application that

developed with Laravel for backend and Vue JS in frontend. This is our codecanyon based application and also our in house project.

#### **17. Bunonbasket**

**<https://bunonbasket.com>**

This is an E-commerce application that's developed with Laravel. In this application customer can add to their product in cart and wish-list. They can review the products. All the products are displayed by category. Customer can

see the product by the product price range. SSL Commerz payment gateway integrated in this application.

#### **18. Sonic Cash**

**<https://soniccash500-ext.com/>**

Sonic Cash is a loan provider application. Customer can take loan by applying their real documents. There are two types of loan in this application such as Auto Debit (EFT) and E Transfer (EMT). For EFT loan customer need to

submit his bank information and the installment balance will deduct from his account in the target date by

Zoom Rails which is a payment gate way that's integrated in this application. On the other hand, for EMT customer will pay their installment hand to hand. If the fail to pay installment in the target date, they will be fine 60 dollars. If customers remain only 1, 2 or 3 installment only, they can renew their loan and etc.

#### **19. E-learning**

**<https://shikkha.xyz>**

This Application is created by Php Framwork Laravel and Frontend Framework Next JS. This is an E-learning application whey people can enrolled courses by SSL Commerce, Bkash and Nagad. OTP system are integrated to login the system. People can login with their Facebook or Google account. Live courses also available in this system etc.

#### **20. Digicon HRMS**

**<http://103.73.38.25:8566/login>**

Digicon HRMS is built using Laravel (backend) and Next.js (frontend) to manage HR operations efficiently. It supports biometric and roster-wise attendance tracking with real-time WebSocket notifications. The system includes leave management, detailed attendance reports, and a robust role-based permission module.

## **PROFESSIONAL STRENGTH**

- Ability to work well under stress
- Enable excellent team-wise performance
- Possess good communication skills
- Enthusiastic, optimistic & proactive
- Self-motivated and flexible