

# MD. MAHMUDUR RAHMAN

Embedded Software Engineer, Experienced in  
Enterprise Applications & Web-Facing Solutions.  
Zend Certified Engineer.



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Bangladesh.

Successful in ERP infrastructure, Online Travel Agencies (OTAs), System design (HLD, LLD), Design & Development Technologies,  
Strategic CRM and HRM Software establishment, Application Life Cycle Solutions, Expert in end-to-end Project Management for  
Business Growth & Profitability

► Clear Project Vision ► Targeted Strategies & Solutions ► Precise Execution

## Executive Summary

- A competent Software Development professional with **12 years experience** with specialize in PHP, MySQL, Laravel, CodeIgniter, Cakephp, ERP, Oracle 10g, Docker, GitHub, Redis Cache, APIs to unifying software technology and its application. Expertise in end-to-end project implementation; including requirements gathering, designing, development coding, implementation and support. Designed, implementation and sustenance of product systems. Strictly adhere to time schedules and successfully accomplish assigned objectives.
- Develop software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle. Determine customer requirements, implement and follow up as needed.
- Ability to troubleshoot issues to resolution, strong problem solving and root cause analysis skills, strong oral & written communication skills including facilitating, listening, and presentation. Multi-Tasking/Multi-Threading Development and ability to work in a team environment. Achieved 100% on time within budget delivery of projects.

## CORE VALUE OFFER

- Strategic Planning & Execution
- Leadership & Team Building Skills
- Understand with Client Requirement
- Translating into Code to Add Values
- Manage BI (Business Intelligence)
- Cost Effective Software Supervision
- Client Relationship Management
- Software Debugging, Development
- End-to End Project Supervision
- Scalable & Flexible Solutions
- Client Support & 100% Satisfaction

- ❖ **Management Skills:** Teamwork, Convincing people, Inspiring team, Leadership, Influencing clients, Negotiation.
- ❖ **Project Management:** OTA Platform, ERP application, HRM application, CRM Management, Billing system, Service management systems, ADP/RADP Management System, Inventory management, Online Traveling (Flight, Hotel, Tour).
- ❖ **Technical Skills:**
  - **Web Servers:** Laragon, Xampp, Lammpp, Wamp, IIS, Apache. Mysql, MS Sql 2005-08, MS Access, Nginx, Redis.
  - **Internet Tools:** FTP, Browsers,
  - **Programming Languages:** PHP, MySQL, Java Spring Boot.
  - **DOT NET Server site:** VB.NET, ASP.NET.
  - **PHP Server site:** Core PHP, MySQL, CodeIgniter, Laravel, Zend Framework, CakePHP, Joomla, Magento, Word press.
  - **Client site:** JavaScript, jQuery, Ajax, Vue.js, Html, CSS, Bootstrap.
  - **(Any Other):** IntelliJ IDEA, VS Code, NetBeans, Notepad++, Dreamweaver 8, Adobe Dreamweaver cs6, Sublime Text, Bitbucket, GitHub, Jira, Kibana, Web-Design, Photoshop, MS word, MS Excel, MS Power Point.
- ❖ **Computer Skills:** MS Office suite including MS Word, Excel, Outlook, Power Point, Internet, Google Workspace.
- ❖ **Language Skills:** Bengali (Native Language), English, Arabic, Hindi, Japanese (N5 course completion).

## Key Competencies & Strengths

- ❖ **Specialize in** development of software solutions by studying information needs; conferring with users, studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle.
- ❖ **Design and develop** web sites, makeovers, increasing interactivity, dynamic elements, and personalization.
- ❖ **Researched and prototyped** new web technologies and techniques to realize benefits of the latest innovations, achieve increased efficiency, and provide highest quality products.
- ❖ **Designed visual elements** and layout structures for web sites. Extended customers' existing graphic design, logos, and branding to web environment.
- ❖ **Inspire teams to excel by** personal commitment to excellence and quality. Demonstrated success in motivating, coaching, and leading technical design teams to achieve results. Consistently recognized for completing projects on time and within budget.
- ❖ **Ensure customer satisfaction,** work closely with customers during initial needs assessment, build consensus using visual prototypes, and follow up.

## Professional Experience & Business Values

### Assistant Manager (Team Lead Software Development)

#### Adventure Dhaka Ltd

*from January 2023 to June 2025*

Adventure Dhaka Limited, a subsidiary of Adventure Inc. (One of the leading publicly listed OTA in Japan). NDC (New Distribution Capability), GDS (Global Distribution Systems), and OTA (Online Travel Agencies).

- Analyze, design and development tests and test automation suites.
- Design and develop a processing platform using various configuration management technologies.
- Test software development methodology in an agile environment.
- Provide ongoing maintenance, support and enhancements in existing systems and platforms.
- Collaborate cross-functionally with data, business users, project managers and others engineers to achieve elegant solutions.
- Provide recommendations for continuous improvement.
- Work alongside other engineers on the team to elevate technology and consistently apply best practices.

#### **HIGHLIGHTS OF PROJECT COMPLITION:**

- Implementation *American airlines* API in core project: By using PHP, MySQL, Laravel.
- Implementation *Lufthansa airline* API in core project: By using PHP, MySQL, Laravel.
- Implementation *Hawaiian airlines* API in core project: By using PHP, MySQL, Laravel.
- Implementation *Scoot airlines* API in core project: By using PHP, MySQL, Laravel.
- Implementation *SpiceJet airlines* API in core project: By using PHP, MySQL, Laravel.
- Implementation *IndiGo airlines* API in core project: By using PHP, Java Spring Boot.
- Implementation *AirIndia airlines* API in core project: By using PHP, Java Spring Boot.
- Support Online Traveling site (Flight, Hotel and Tour).

### Senior Software Engineer

#### Euro Bangla iT

*from Aug 2017 to Dec 2023*

Effective Marketing Solutions and client centric Leader for BRAC to supervise market outreach, social enterprise with a perceptive ability to manage digital marketing, capacity management, client loyalty improvement, business relationship and develop uninterrupted brand and marketing opportunities and launch brand strategies to deliver value-building results.

- Analyze, design and development tests and test automation suites.
- Design and develop a processing platform using various configuration management technologies.
- Test software development methodology in an agile environment.
- Provide ongoing maintenance, support and enhancements in existing systems and platforms.
- Collaborate cross-functionally with data, business users, project managers and others engineers to achieve elegant solutions.
- Provide recommendations for continuous improvement.
- Work alongside other engineers on the team to elevate technology and consistently apply best practices.

#### **HIGHLIGHTS OF PROJECT COMPLITION:**

- HRM application: By using Codeigniter,Bootstrap,JavaScript, AJAX, jQuery.
- ERP application Technologies: By using PHP, Mysql, JavaScript, Ajax, JQuery, HTML,CSS.
- Government project PCMU (Project Coordination and Management Unit): By using Codeigniter, Bootstrap, JavaScript, AJAX, jQuery.
- Service management systems: By using Codeigniter,Bootstrap,JavaScript, AJAX, jQuery.
- Billing system: By using Codeigniter,Bootstrap,JavaScript, AJAX, jQuery.
- Inventory management system: By using Codeigniter,Bootstrap,JavaScript, AJAX, jQuery.
- Election management system: By using Laravel 5.6,Bootstrap,JavaScript, AJAX, jQuery.
- ADP/RADP Management System: By using Laravel,JavaScript, AJAX, jQuery, JSON , HTML5, CSS3 & Bootstrap3.

### Software Engineer

#### BUILDING TECHNOLOGY & IDEAS LIMITED (bti)

*from Feb, 2016 to Aug, 2016*

- Testing and evaluating new programs
- Identifying areas for modification in existing programs and subsequently developing these modifications
- Writing and implementing efficient code
- Determining operational practicality
- Developing quality assurance procedures
- Deploying software tools, processes and metrics
- Maintaining and upgrading existing systems

#### **HIGHLIGHTS OF PROJECT COMPLITION:**

- E-commerce Developer: By using Magento.
- Web Developer: By using WordPress

## Software Engineer

Logic Software Ltd

from Jan, 2013 to Feb, 2016

- Full lifecycle application development
- Design code and debug applications in various software languages.
- Software analysis, requirement analysis, software review, identification of code metrics, system risk analysis, software reliability analysis.
- Software testing and quality assurance.
- Object-oriented Design (OOD) and Object-oriented Analysis (OOA)

### **HIGHLIGHTS OF PROJECT COMPLETION:**

- HRM application: By using Codeigniter, Bootstrap, JavaScript, AJAX, jQuery.
- ERP application Technologies: By using PHP, Mysql, JavaScript, Ajax, JQuery, HTML, CSS.
- Government project PCMU (Project Coordination and Management Unit): By using Codeigniter, Bootstrap, JavaScript, AJAX, jQuery.
- E-Library, The Faculty Of Business Studies. University of Dhaka. Using -PHP, Mysql, JavaScript, Ajax, JQuery, HTML, CSS.

## Educational Attainment

**DIPLOMA** (Web Presence Solutions & Implementation)  
IDB BISEW IT (Scholarship) –Awarded in 2012

**MSS**(Master in Social Science) Major - Political Science  
National University, Bangladesh || Year: 2008 || Result: 2<sup>nd</sup> Class (54%) Marks

**BSS**(Bachelor Social Science) Major- Political Science  
National University || Year: 2007 || Result: 2<sup>nd</sup> Class (53% Marks)

**HSC**(Alim Examination) Group- General  
Madrasah Education Board || Year: 2002 || Result: 2<sup>nd</sup> Class (50% Marks)

**SSC**(Dakhil Examination) Group- General  
Madrasah Education Board || Year: 2000 || Result: 2<sup>nd</sup> Class (48% Marks)

## Professional Training & Development

- ❖ Certification in Microsoft Certified.net framework 4 web applications – Conducted by Microsoft Corporation
- ❖ Certification in Microsoft Certified Technology Specialist (MCTS) – Conducted by Microsoft Corporation
- ❖ **Zend Certified Engineer**- Zend Technologies, Ltd. -- Conducted by Bangladesh Hi-Tech Park in 2019.
- ❖ Training on "Magento Professional" – Conducted by Bangladesh Hi-Tech Park in 2015.
- ❖ Training on "National ICT Internship Program" – Conducted by Bangladesh Computer Council in 2012.
- ❖ Skills for Employment Investment Program (SEIP) – **BIG DATA, DATA ANALYTICS & DATA SCIENCE** -2022.

## Personal Information

- Father: - MD. Abdur Razzaq
- Mother:-Mrs. Nasiron
- Religion:- Islam
- Blood Group:-A+
- Hobbies & Interest: Travelling, Body fitness, Watching, Spending quality time with family
- Date of Birth:-01-January-1986
- Marital Status:- Married
- Family:- Wife
- Home District:- Pirojpur

## References

### **A.R Azimul Hoque (Raihan)**

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Programming Division, Planning Commission  
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Web : [www.plandiv.gov.bd](http://www.plandiv.gov.bd)

### **Md. Golam Sarower**

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