

H M Maruf

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EXPERIENCE

Senior Web Developer

Prime Tech Solutions Ltd. | Feb 2024 – Present

- Developed a **Training Management System** for **100,000+ trainees** and **2,500+ batches** using **PHP, Laravel, React, and MySQL**.
- Engineered **scalable APIs** for the **BDSkills platform** using **Node.js, Express, JWT, and PostgreSQL**, improving interoperability and performance.
- Led the **full SDLC**, from requirements gathering to deployment and maintenance.
- Optimized **system performance by 60%** integrating **Pulse**, resolving slow jobs and endpoints, and tracking key user activities.
- Implemented **CI/CD pipelines, code reviews, and unit testing**, ensuring high-quality, seamless deployments.

Senior Web Developer

EasyPOS BD | Feb 2021 – Jan 2024

- Designed and launched a **SaaS-based POS system** used by **80+ active clients**, processing **100,000+ monthly transactions**.
- Optimized **SQL schemas**, improving database efficiency by **35%** and **reducing query execution time by 40%**.
- Designed **25+ RESTful APIs**, ensuring **99% uptime** and seamless integration.
- Developed **high availability & disaster recovery strategies**, achieving **99% uptime** and minimizing data loss.
- Resolved **50+ technical issues**, aligning technical solutions with business goals.

Web Developer

OS CLiCKS Limited | Aug 2018 – Jan 2021

- Developed and deployed **8+ mobile-responsive websites** with optimized UI/UX.
- Assisted in backend development, contributing to **10+ API endpoints** and optimizing server logic.
- Managed **MySQL, SQL Server, and SQLite databases**, improving **data retrieval efficiency**.
- Collaborated on **4+ major projects**, enhancing system and team productivity.
- Led **15+ major updates**, ensuring site performance and security.

Programmer

Ardites Bangladesh Limited | Oct 2017 – Jul 2018

- Customized **Open Source POS (OSPOS)** using **PHP, CodeIgniter, and MySQL**, enhancing system features and UX.

Programmer, Intern

Ardites Bangladesh Limited | Jul 2017 – Sept 2017

- Implemented **Bangla language support** in **Open Source POS**, increasing accessibility and securing the company's first client.

EDUCATION

M.Sc. in Information Technology

Institute of Information Technology, University of Dhaka | 2019 | CGPA: 3.78

B.Sc. in Computer Science & Engineering

American International University-Bangladesh (AIUB) | 2018 | CGPA: 3.83

RESEARCH, AWARDS & MEMBERSHIPS

- **Research:** [A communication platform between Bangla and Sign Language \(DOI: 10.1109/R10-HTC.2017.8288892 IEEE\)](#).
- **Award:** Vice Chancellor's award (Best thesis award).
- **Membership:** International member of Lions Club International.

TECHNICAL SKILLS

- PHP • Javascript • C++ • HTML • CSS
- Laravel • CodeIgniter • Wordpress
- Node.js • jQuery
- MySQL • PostgreSQL • SQLite • MongoDB
- Backend • Frontend • Full-Stack

TOOLS & TECHNOLOGIES

- GitHub • Docker • CI/CD
- Adobe Photoshop • Adobe Illustrator
- Microsoft Office • Figma
- Agile Development • Microservices Architecture
- Distributed Systems

SOFT SKILLS

- Fast Learner • Communication
- Problem Solving • Collaboration
- Research • Teamwork • Leadership

PROJECTS

- [Urban Health & Demographic Surveillance System of ICDDR,B:](#) Engineered an Android application and contributed to API development, facilitating data collection for 450,000 individuals across 100,000+ households.
- **PIO Archive System (Bangladesh Police, Confidential):** Designed and implemented a centralized archive system for the Police Internal Oversight (PIO) unit, managing records for 200,000+ police personnel.
- [MIS for National Institute of Population Research & Training \(NIPORT\):](#) Led the development of a Management Information System (MIS) integrating Budget, Asset, and PMIS modules as the sole engineer.
- [ICT Innovation Fund \(ICT Division\):](#) Built a project monitoring platform used by 20,000+ users, streamlining fund allocation and oversight.
- [Instant Tap BD:](#) Built an NFC-enabled digital business card system using **Laravel, Blade, and Node.js**, allowing professionals to instantly share contact details.
- [Training Management System of Bangladesh Jute Research Institute \(BJRI\):](#) Developed a custom training management system to track, manage, and analyze training history for the organization.
- **CMS & News Portals:** [ENMBD](#) | [North American Investors Group Inc.](#) | [U.S. Guyana Chamber of Commerce](#) | [Diplomacy for World Peace](#) | [Bizcom Global](#) | [Fazila Group](#) | [The Active Services](#).