






Md Moinul Hasan Khan Senior Software Specialist

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PROFILE

Experienced and dedicated Software Engineer with over 5 years of specialized experience in crafting dynamic web applications. Proficient in leveraging a robust tech stack, including PHP and Laravel framework for backend development, coupled with adept database management utilizing MySQL and MongoDB.

Skilled in optimizing performance through the integration of caching solutions like Redis. Extensive experience in cloud computing with a strong command of AWS services such as EC2 and S3, adept at architecting and deploying SaaS solutions.

Possess a deep understanding of microservices architecture, ensuring scalability and flexibility in application design. Proven track record of delivering high-quality, scalable web applications while adhering to best practices and industry standards.

PROFESSIONAL EXPERIENCE

SSL Wireless

In my role as a Senior Software Specialist at SSL Wireless, I am responsible for developing and maintaining complex web applications and systems. My key responsibilities include:

- Developed an ERP billing system with Laravel, increasing financial efficiency and accuracy
- Reduced company costs and manpower by 5% with ERP implementation
- Created digital billing systems using Laravel and Docker, streamlining transactions.
- Built core accounting systems to enhance financial reporting.
- Designed microservice-based applications with Laravel and Docker for better modularity and scalability
- Integrated multiple cross-platform APIs for seamless data flow.
- Managed large-scale job schedulers with SupervisorD for efficient task execution
- Ensured modular and scalable application design through microservices.
- Used Docker for streamlined application deployment and maintenance.
- Played a vital team member role, collaborating effectively to achieve project goals.
- Improved operational efficiency with innovative system designs.

Sep 2022 – present
Dhaka, Bangladesh

IOTA INFOTECH LIMITED

Software Engineer

During my tenure at IOTA INFOTECH LIMITED, I undertook a range of development projects and played a pivotal role in their successful deployment. My key contributions included:

- Developed a multi-vendor e-commerce platform using Laravel (back end) and Vue.js/React.js (front end), offering a robust and scalable solution for online retail.
- Created a sophisticated product delivery system with multi-function tracking using Laravel, visualizing data stored in MySQL to enhance transparency and efficiency.
- Developed API-based applications in diverse domains such as e-commerce, entertainment, food and nutrition, service provision, and sports scoring, using Laravel for data storage and integrating MySQL and MongoDB as needed.
- Established a CI/CD pipeline that exceeded requirements at each stage, ensuring seamless deployment of applications to production.
- Played a vital team member role, collaborating effectively to achieve project goals.

Jan 2020 – Aug 2022
Dhaka, Bangladesh

PROJECTS

Hercules

Nov 2024 – present

Distributor Management System

At Hercules, I spearheaded the development of a multi-distributor management system in Bangladesh market like Quashem Key highlights:

- **Technologies Utilized:** Laravel, MySQL, Redis, AWS S3, FCM, Multiple Payment Gateways, Role-Based Access Control (RBAC), Shell Scripting
- **Optimized Distribution Operations:** Designed and developed a **scalable Distribution Management System (DMS)** to enhance logistics, inventory tracking, and order processing, ensuring seamless supply chain management.
- **Automated Order & Inventory Handling:** Implemented real-time order tracking, automated stock level monitoring, and smart inventory predictions to reduce delays and optimize resource allocation.
- **Advanced Financial & Payment Processing:** Incorporated **multiple payment gateways** to support secure transactions, automated invoicing, and dynamic financial reporting for enhanced operational accuracy.
- **Performance & Scalability Enhancements:** Leveraged **Redis caching** and optimized database queries for faster data retrieval and smoother system performance under high transaction loads.

Star Cineplex

May 2024 – Jan 2025

Movie Ticketing

As a Software Specialist at SSL Wireless, I am leading the Start Cineplex development, which significantly enhances ticketing efficiency and social values. Key features and achievements include:

- **Technologies Utilized:** Laravel, MySQL, Redis, FCM, multiple payment gateways, Virtual Card, shell scripting
- **Cineplex System:** Developed a comprehensive ticketing system that improved user satisfaction and time. Achieved a 5% reduction in manpower and time consumption through system automation.
- **Seamless Experience:** Enable easy ticketing system with Addons purchases, Virtual Card Top-Up and Recharge, Gift sending, and social gathering.
- **Advanced Features:** Managed authentication with Auth Sanctum, notifications using FCM, email integration, multiple payment gateway integrations, and shell scripting for various automation tasks

SSL Billing

Sep 2022 – Dec 2024

Digitalization of Accounting

As a Software Specialist at SSL Wireless, I am leading the development of the SSL Billing Solution, which significantly enhances the efficiency of billing and invoicing processes for 38 services. Key features and achievements include:

- **Technologies Utilized:** Laravel, MySQL, Redis, OneSignal, Mailgun, multiple payment gateways, shell scripting
- **Billing Panel System:** Developed a comprehensive billing panel that generates billing for over 10 departments, including company invoices and daily collection summaries. Achieved a 5% reduction in manpower and paper costs through system automation.
- **Seamless Bill Automation and Notifications:** Enabled automatic billing processes with client POC email notifications, including PDF and summary report attachments.
- **Advanced Features:** Managed authentication with Auth Sanctum, notifications using OneSignal, email integration via Mailgun, multiple payment gateway integrations, and shell scripting for various automation tasks

Breakstation

Mar 2023 – Feb 2024

Entertaining Platform

I spearhead the development of Breakstation, an immersive entertainment platform tailored for British American Tobacco (BAT) users. Here are the key highlights:

- **Cutting-Edge Technology:** Leveraging the power of Laravel, MySQL, and Redis, Breakstation delivers a seamless and responsive user experience.

- **Diverse Content Offering:** Breakstation offers a rich array of entertainment options including video streaming, audio content, podcasts, and multiplayer games like Ludo and Carrom, fostering engagement and enjoyment among users.
- **Insightful Analytics Integration:** By integrating Google Analytics and Bongo Stats, Breakstation gains invaluable insights into user behavior, enabling continuous optimization and enhancement of the platform's performance and content offerings.
- **Real-Time Interaction:** Real-time interaction is facilitated through Firebase Cloud Messaging (FCM), enabling instant notifications to keep users updated with the latest content releases and gaming invitations.
- **Enhanced User Engagement:** Breakstation includes point redeem facilities, incentivizing user activity and loyalty, while multilingual support ensures accessibility to a diverse audience.

Easy.com.bd

Dec 2022 – Feb 2023

As a Software Specialist at SSL Wireless, I am instrumental in developing Easy.com.bd, a renowned service provider platform in Bangladesh. This project leverages a microservices architecture to offer a variety of essential services. Key accomplishments include:

- **Technologies Utilized:** Laravel, MySQL, FCM, multiple payment gateways, shell scripting
- **Service Integration:** Implemented a robust microservices architecture, encompassing multiple services that allow users to pay utility bills, make other payments, and perform mobile recharges using the SSL Commerze payment gateway.
- **Hyperlocal Functionality:** Developed the Hyperlocal feature, allowing users to order products and make payments seamlessly through SSL Commerze.

Easy.com.bd has become a vital platform for users across Bangladesh, offering reliable and efficient service solutions through state-of-the-art technology and innovative features.

Mula-x

Apr 2020 – Dec 2020

A banking solution for payment disbursement

I played a pivotal role in developing a cutting-edge banking payment disbursement solution. Key highlights of the project include:

- **Advanced Transaction Handling:** Engineered a robust banking transaction system capable of processing various transaction types with intricate logic. The system efficiently handles thousands of CSV files simultaneously while maintaining comprehensive activity logs across different locations.
- **Optimized System Architecture:** Implemented Redis Cache to enhance system performance and scalability. Utilized RabbitMQ in conjunction with SupervisorD for efficient queue management, ensuring seamless transaction processing.

Mula-x stands as a testament to innovative solutions in the realm of banking payment disbursement, leveraging PHP, Laravel, Redis, RabbitMQ, and AWS technologies to deliver exceptional results.

EDUCATION

Daffodil International University

Bachelor in Computer Science

Jan 2015 – Aug 2019
Dhaka, Bangladesh

- **Result:** 3.10
- **Memberships:** Software Engineering Club - SEC, BASIS Student Forum

SKILLS

PHP	● ● ● ● ● ●	Laravel	● ● ● ● ● ●
MySQL	● ● ● ● ● ●	JavaScript	● ● ● ● ● ●
Problem Solving	● ● ● ● ● ●	MongDB	● ● ● ● ● ●
Redis	● ● ● ● ● ●	Software Development	● ● ● ● ● ●
Database Management	● ● ● ● ● ●	Cloud Deployment	● ● ● ● ● ●
Business / Solution Analysis	● ● ● ● ● ●	Jira / ClickUp / Slack	● ● ● ● ● ●
Solution Design / Process Optimization	● ● ● ● ● ●		

CERTIFICATES

Certified For Web Design & Development with PHP & MySQL

Bangladesh-Korea Information Access Center,
Department Of CSE, BUET

Builder Online Series Quick start of AWS On seminar attendance

Amazon Web Services (AWS)

Turaag Active Dhaka 25K 2024

Run Bangladesh

AWARDS

Best Employ Of the Year 2020

IOTA INFOTECH LIMITED

Certified For Web Design

BASIS Institute of Technology & Management (BITM)

Bangabandhu Sheikh Mujib Dhaka Marathon 2024

Bangladesh Army