

# Md. ASIFUR RAHMAN, PhD

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## Executive Profile

- 20+ years of experience in the banking & financial industry - driving technology, (re-)designing service blueprints and enterprise architecture, defining roadmaps, building infrastructure, leveraging on newer technologies to deliver business value in the emerging markets.
- Developed digital strategy for ASA International Group PLC, a London Stock Exchange listed company operating 13 banks of different categories in Asia and Africa with the guidelines from 13 regulators, LSE and BoD to attain business goals and values.
- Pioneered several new concepts improving the Information technology space to develop and introduce Digital services including eMoney, eHealth, ePassbook for the challenged areas.
- Worked on vendor selection and management for large projects like Temenos T24 implementation in 4 countries in Asia and Africa.
- Built, groomed and successfully maintained an IT team of hundreds of IT professional. The teams included software development, BUA, infrastructure management, security management. The included both in-house teams as well as managed service management team.
- Introduced single IC card based multiple Digital Financial Service delivery in Kyushu University Japan. The system integrated 9 different IC card based systems into one system.
- Led projects to establish Data Centers, and SOCs for 14 countries in Asia and Africa both on premise and cloud. The project includes selecting vendors for procurement, managed service
- Executed a digital transformation program keeping Temenos T24 at the core and introducing various digital channel surrounding it in 13 countries in Asia and Africa.

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## Chapters in the Journey

Software development; Enterprise Architecture; Chaos Engineering; Digital transformation (greenfield); Digital financial service; Digital transformation (Modernization); Tech Leadership; Inclusion and Diversity;

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## Strengths

- ✓ Digital Transformation: People, process, Technology
- ✓ Driving innovation - Design Thinking
- ✓ Product Ownership
- ✓ Budgeting and fund management
- ✓ Creating end to end IT delivery roadmaps including architecture design
- ✓ Strategic/Tech Leadership
- ✓ Vendor and partner management.

## Experience

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### **Chief Technology Officer Dhaka Stock Exchange PLC**

**07/2025 to Till date  
Dhaka, Bangladesh**

- Leading enterprise-wide modernization of trading, cybersecurity, and digital experience systems.
- Executing a 3-year transformation roadmap for infrastructure, core systems, and digital platforms.
- Preparing the exchange for migration from Nasdaq Xstream and FlexTP OMS
- Establishing ISO 20000/27001-aligned governance and improving DevOps, CI/CD, and service delivery.
- Strengthening cybersecurity posture through SOC, DR/BCP upgrades, and risk management.
- Enhancing DSE's website and digital ecosystem to improve investor experience and data services.

### **Co-Founder MAT Services BD**

**07/2023 to 06/2025  
Dhaka, Bangladesh**

The company provides services to foreign companies in Japan and USA. The services includes:

- Recruitment of engineers and conducting training on language, culture, and engineering skills
- Logistic support in Bangladesh.
- Software development.
- Digital marketing

### **Chief Technical Officer ASA International Group PLC**

**05/2016 to 06/2023  
Dhaka, Bangladesh**

- Developed IT strategy for the group to attain the regulatory requirement, robust technology platform development, infrastructure and security management.
- Planned, executed and led a major IT Transformation program for 13 operating entities while the group is listed in LSE (London Stock Exchange) and the subsidiaries are entering into regulated environment.
- Upgraded the IT infrastructure, integrating additional services in the CBS ecosystem through in-house development and 3rd party system procurement.
- Implementation of industry standard practices within the company covering 12,000 staffs worldwide.
- Started another a digital transformation program in 2020 to introduce digital banking services for 100 thousand clients at the BoP (bottom of the economic pyramid) in Ghana. This services will be introduced to all 13 countries gradually.
- Managing Dhaka based software development team of 65 personnel, IT security team of 15 personnel and Dubai based managed SOC service provider, and Infrastructure team of 300 personnel spanned over 13 countries and managed AKS service provider.

### **Head of Overseas Operations Smart Service Technologies Co. Ltd.**

**12/2012 to 04/2016  
Fukuoka, Fukuoka, Japan**

Smart Service Technologies Co. Ltd. (SST) is created with the resources of Social Information Systems Project of System LSI Research Centre of Kyushu University, Japan. The purpose of SST is to commercialize multi-purpose IC card platform VRICS. SST develops products and services based on VRICS and commercialize the same around the globe.

#### Achievements:

- Created partnership with 8 companies and universities in Australia, Indonesia, Nigeria, Bangladesh, and Myanmar.

**Research Fellow  
System LSI Research Center, Kyushu University**

**10/2009 to 11/2012  
Fukuoka, Japan**

Designed, developed and executed single IC card based multiple digital service delivery in Kyushu University Japan. The system integrated 9 different IC card based systems into one system. They IC card was designed based on sectoral model to allow multiple service providers using the same card without mingling data with each other.

I published in total 11 academic research publication during my stay in Japan.

**Director IT  
ASA and ASA International**

**10/2005 to 09/2009  
Dhaka, Bangladesh**

- Building a team of 300 personnel to develop, roll out and maintain CBS for ASA. The team was also responsible for managing over all IT operation throughout Bangladesh.
- Lead IT operations of ASA in Bangladesh and 7 countries of ASA International (from 2008). Develop policies related to IT operations, Cyber security, Infrastructure management.
- Successfully transformed ASA Bangladesh (<https://asa.org.bd/>) from a fully paper based organization to a fully digitized organization between 2005 to 2009. The program involved training, motivating 30 thousand low IT aptitude field staffs, many of them, at that time, did not have experience of using a mobile phone, and automating most of the processes to improve operational efficiency. It is worth to mention that ASA was the first institution in Bangladesh to deploy computers at the village level.

It involved deploying PCs in an environment where electricity is highly instable and ASA cannot afford to purchase generator for all 3,300 branches. Around 500 branches did not have electricity. Resolving all these challenges was part of the program.

**Assistant Professor  
University of Asia Pacific**

**06/2001 to 09/2005  
Dhaka, Bangladesh**

Responsibilities:

- Conducting classes for undergraduate students.
- Project and thesis supervision of undergraduate students.
- Advising and counseling.

**Manager Technical (Dhaka Office)  
AngelNet Technologies Inc., CA, USA**

**06/2000 to 05/2001  
Dhaka, bangladesh**

It was a startup company to assess the feasibility of BPO services for US. We prepared project proposals for Medical transcription, Document achieving, Call center. The investors winded up the company in response to collapse of IT industry in 2000.

**Center Manager/Group Leader/Faculty Member  
NIIT**

**04/1997 to 05/2000  
Dhaka, Bangladesh**

BEXIMCO signed up with NIIT India as master franchise in Bangladesh and established BEXIMCO SYSTEMS LIMITED. I was the first technical person recruited. I experienced and contributed to its growth as professional ICT training company to the pinnacle. I got the opportunity to work in every role from Faculty member to the senior business manager to run an independent business center. In addition to technical training I was also offered training on Interpersonal communication, Business transaction management and negotiation, HR policy.

**Self Employed** **08/1995 to 04/1999**  
**CompuVision Ltd.** **Dhaka, Bangladesh**  
We started this company with an intent to develop software and services for overseas market. We developed software for companies in UK and US. At some point of time most of the company owner moved to US to pursue higher studies and decided to wrap up the activities.

**Assistant Programmer** **07/1994 to 07/1995**  
**World Bank (ETAC Data Computerization Project)** **Dhaka, Bangladesh**  
The scope of the project was to support the National Board of Revenue of the Government of Bangladesh. During this period, I worked in the team of VAT Information Management System. We delivered the first version of the said system.

**Computer Consultant** **04/1994 to 09/1994**  
**FAO Andre Mayer Fellowship Project** **Dhaka, Bangladesh**  
The scope of the project was to develop a discriminant function for the recovery possibility of a family in the face of a natural disaster.

Responsibilities:

- To digitize the analog data in a non-formal method;
- Analyze the data as per the requirement of the researchers.

## Education

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<b>Ph. D.</b> Kyushu University, Fukuoka, Japan	<b>2016</b>
<b>B.Sc. Engineering: Computer Science and Engineering</b> Bangladesh University of Engineering and Technology, Dhaka, Bangladesh	<b>1994</b>
<b>Higher Secondary School certificate</b> Comilla Victoria Govt. College	<b>1987</b>
<b>Secondary School Certificate</b> Rangamati Govt. High School	<b>1985</b>

## Research Publications

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- 7 years' involvement as Research Fellow and Doctoral Student with Kyushu University, Japan
- Published two (2) research articles in **Peer-reviewed International Journals**.
- Published seven (7) research articles in different **Peer-reviewed International Conference Proceedings**.