

CURRENTLY	Lecturer, Institute of Information Technology, University of Dhaka.	
EDUCATION	Master of Science in Software Engineering Institute of Information Technology, University of Dhaka 3.96, July 2014	2013-2014
	Bachelor of Information Technology, Major in Software Engineering Institute of Information Technology, University of Dhaka 3.93/4.0, 2012.	2009-2012
AFFILIATION	ACM Student Member & ACM SigSoft Member	2013
SKILLS	Languages & Software: Shell, C#, Java, C, C++, Python, Git, NUnit, Android Operating Systems: Windows, Linux Software Engineering: Quality Assurance, Testing, Design Patterns, Object Oriented Design, System Analysis and Design	
EXPERIENCE	Software Engineer IMS Dhaka (M&H Informatics (BD) Ltd.) <ul style="list-style-type: none"><li>• Front-end developer, maintained Business intelligence related web based applications such as Pricing Insights, Pierre Fabre, GSK-Prion, Stada and Supplementary Pricing Information (SPI)</li><li>• Lead team to Finals at Code Warriors' Challenge 2014</li><li>• Conducted training sessions on TypeScript</li></ul>	2014
	Microsoft Student Partner Microsoft (Bangladesh) <ul style="list-style-type: none"><li>• Windows 8 Professor, taught Windows 8 app development at University of Dhaka and North South University for Microsoft App-a-thon 1 and 2 respectively</li><li>• Microsoft Imagine Cup Boot Camp speaker at BUET, Jahangirnagar University.</li><li>• Promoted Microsoft Products to improve life of students</li></ul>	2011-2013
	Intern IT Consultant Southtech Limited, SCALED Department, Dhaka, Bangladesh <ul style="list-style-type: none"><li>• Worked as Intern IT consultant for 6 months, was ranked as very good employee</li><li>• Developed prototype of SCALED web application</li><li>• Documented CMMI-3 compliant software engineering documents</li></ul>	2011
	Educational Instructor Institute of Information Technology, University of Dhaka, Bangladesh <ul style="list-style-type: none"><li>• Took classes related to computing and</li><li>• Evaluated students in lab classes</li></ul>	2013
Publications	ICCIT 2013: A. Gias, A. Seal, M. Tabassum, A. Imran, M. Ibrahim, R. Rahman and K. Sakib, "A Formal Approach to Verify Software Scalability Requirements using Set Theory and Hoare Triple" ICCIT 2013: A. Imran, A. Gias, R. Rahman, A. Seal, T. Rahman, F. Ishraque and K. Sakib, "Cloud-Niagara: A High Availability and Low Overhead Fault Tolerance	

Middleware for the Cloud”

*IJACS 2013*: SM Khaled, A. Gias, A. Seal, Md. Hasanuzzaman, “Face Recognition and Adaptation for Secure Human Computer Interaction”

*ICIEV 2014*: A. Seal, S. Islam, “An Efficient Approach for Providing Rationale of Method Change for Object Oriented Programming”

*IJITCS 2014*: A. Seal, S. Islam, “A Content Assist based Approach for Providing Rationale of Method Change for Object Oriented Programming (In press)”

## PROJECTS/ APPS

*Brightness Controller*: Linux application to control brightness of primary and secondary display, available in Ubuntu Software Center, Github

*IIS Express Manager*: Windows application to control IIS Express Server, available in CodePlex

*DSEDroid*: Android application to display Dhaka Stock Exchange infographics.

## REWARDS

*Microsoft Imagine Cup Bangladesh - Drik ICT Innovative Idea Award Winner* 2012

- Made the only Windows 8 Application which consumes WCF service
- Collaborated with team to develop silverlight based website front-end

*BUET System Design and Development Contest - Runner Up* 2011

- Collaborated with team for requirement engineering and version control
- Collaborated with team to develop database schema and front-end

*BASIS Code Warriors' Challenge - Top 4* 2012

- Led team in .NET Track software development competition
- WCF routing, server-side performance optimization and good coding skills were marking metrics. Took responsibility of WCF Routing and good coding.

*Norton-PriyoTech Security Article Writing Competition - Winner* 2012

- Article on security was considered one of the best in entire nation
- Was related to enhancing security of data in everyday life

*Citi Financial IT Competition - Finalist* 2010

- Led the development team of prototype web application

## EXTRA- CURRICULAR ACTIVITIES

*Youth Delegate, Visit of 100 Members Youth Delegation to India* 2013

Was invited by Indian Ministry of Youth Affairs and Sports

- Represented University of Dhaka and Bangladesh
- Exchanged cultural knowledge
- Discussed about the development of Indian IT sector and Bangladesh's current progress

*Event Organizer, IIT, University of Dhaka* 2012-2013

Assigned by the Director of IIT, University of Dhaka, organized the following events:

- Mozilla Awareness Campaign
- UX Saturday with Wahid
- Google Trivia Event

*Speaker, Dhaka University IT Society (DUITS)* 2012

*Community Tester* 2008-2013

- Tested and reported bugs in MessagEase, a smart phone typing layout with fastest typing record
- As second fastest texter in MessagEase, suggested features to improve overall performance
- As Nokia Pilot, tested for bugs and suggested features for Nokia symbian applications
- Represented Bangladeshi users in meeting with Mig33 staffs including Co-Founder Steven Goh

## REFERENCES

*Dr. Md. Mahbubul Alam Joarder*  
 Professor, IIT, University of Dhaka  
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*Shafirul Islam*  
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*Mahmud Iftekhar Zamil*  
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 Lead Engineer, Samsung Bangladesh  
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