
CURRENTLY	Lecturer, Institute of Information Technology, University of Dhaka	2014
EDUCATION	<p><i>Master of Science</i> in Software Engineering Institute of Information Technology, University of Dhaka 3.96, July 2014</p> <p><i>Bachelor of Information Technology</i>, Major in Software Engineering Institute of Information Technology, University of Dhaka 3.93/4.0, 2012.</p>	<p>2013-2014</p> <p>2009-2012</p>
SKILLS	<p><i>Languages & Software:</i> C#, Java, C, Python, Shell, Git, NUnit, Android</p> <p><i>Operating Systems:</i> Windows, Linux</p> <p><i>Software Engineering:</i> Design Patterns, Object Oriented Design, System Analysis and Design, Quality Assurance, Testing</p>	
EXPERIENCE	<p><i>Software Engineer</i> IMS Dhaka (M&H Informatics (BD) Ltd.)</p> <ul style="list-style-type: none"> • Front-end developer, maintained Business intelligence related web based applications such as Pricing Insights, Pierre Fabre, GSK-Prion, Stada and Supplementary Pricing Information (SPI) • Lead team to Finals at Code Warriors' Challenge 2014 • Conducted training sessions on TypeScript <p><i>Educational Instructor</i> Institute of Information Technology, University of Dhaka, Bangladesh</p> <ul style="list-style-type: none"> • Took classes related to computing and • Evaluated students in lab classes <p><i>Microsoft Student Partner</i> Microsoft (Bangladesh)</p> <ul style="list-style-type: none"> • 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 • Microsoft Imagine Cup Boot Camp speaker at BUET, Jahangirnagar University. • Promoted Microsoft Products to improve life of students <p><i>Intern IT Consultant</i> Southtech Limited, SCALED Department, Dhaka, Bangladesh</p> <ul style="list-style-type: none"> • Worked as Intern IT consultant for 6 months, was ranked as very good employee • Developed prototype of SCALED web application • Documented CMMI-3 compliant software engineering documents 	<p>2014</p> <p>2013</p> <p>2011-2013</p> <p>2011</p>
Publications	<p><i>CDUD 2016:</i> Satter, A.; Ami, A. S.; and Sakib, K, "A Static Code Search Technique to Identify Dead Fields by Analyzing Usage of Setup Fields and Field Dependency in Test Code"</p> <p><i>WIECON-ECE 2015</i> Mandal, P.; and Ami, A. S, "Selecting best attributes for software defect prediction"</p> <p><i>IJIEEB 2015:</i> A. Seal, S.Islam, "A Content Assist based Approach for Providing Rationale of Method Change for Object Oriented Programming"</p> <p><i>ICIEV 2014:</i> A. Seal, S. Islam, "An Efficient Approach for Providing Rationale of</p>	

Method Change for Object Oriented Programming”

ICCIT 2014: 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 2014: 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”

Grants / Funds *UGC Fund:* Research grant from University Grants Commission for Identification of Dead field and Field Dependency in Test code of 70K BDT 2016
ICTD Innovation Fund: Innovation Fund for Mobile Application Contextual Testing Framework from ICT Division, Bangladesh of 5 Lac BDT 2015
ICTD Fellowship: Research fellowship for Masters’ Degree research from ICT Division, Bangladesh of 3.5 Lac BDT 2014

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

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

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Lead Engineer, Samsung Bangladesh

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