

# AHMEDUR RAHMAN SHOYON

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<b>Education</b>	<b>Master of Science in Information Technology(Thesis Group)</b> (2018) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.67 (in the scale of 4.00), research covers 33.33% of total credit.
	<b>Bachelor of Science in Information Technology</b> (2016) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.73 (in the scale of 4.00).
	<b>Higher Secondary Certificate</b> (2011) Sylhet MC College, Sylhet, Bangladesh. GPA: 5.00 (in the scale of 5.00).
	<b>Secondary School Certificate</b> (2009) Sylhet Govt. Pilot High School, Sylhet, Bangladesh. GPA: 5.00 (in the scale of 5.00).
<b>Research Interest</b>	<b>Cloud Computing</b> <b>Software Engineering</b> <b>Natural Language Processing</b> <b>Machine Learning</b>
<b>Research Experience</b>	01/2016 - 12/2018: <b>IIT, Jahangirnagar University, Dhaka, Bangladesh.</b> <i>Research Assistant</i> , Mobile Cloud Computing and Big Data Research Group(MCCBD). Developed RESTful E-Governance application framework for identity verification in cloud [B1]. Applied combined approach of tokenization and mining to secure and optimize Big Data in cloud storage [C2].
<b>Related Courses Attended</b>	Human Computer Interfacing, Client Server Technologies & Cloud Computing, Data Mining & Knowledge Discovery, Artificial Intelligence & Neural Network, Digital Image Processing & Pattern Recognition, Computer Vision & Image Processing, Advanced Database System, Computer Graphics, Web Technologies, Software Engineering, Software Project Management & Quality Assurance.
<b>Teaching Experience</b>	01/2015 - 12/2015: <b>IIT, Jahangirnagar University, Dhaka, Bangladesh.</b> <i>Teaching Assistant</i> , Operating System Lab.
<b>Professional Experience</b>	06/2019 - ongoing: <b>ICT Division, Government of Bangladesh.</b> <i>Assistant Programmer</i> , Department of Information & Communication Technology.  12/2017 - 06/2019: <b>Cefalo Bangladesh Ltd.</b> <i>Software Engineer</i> , NHST Global Team.
<b>Language Proficiency</b>	<b>IELTS: 7.5</b> (Listening-8.5, Reading-8.5, Writing-6.0, Speaking-7.0)

<b>Conference Papers</b>	<p>[C3] <b>Ahmedur Rahman Shovon</b>, Shanto Roy, Arnab Kumar Shil, and Tanjila Atik, “<b>GDPR Compliance: Implementation Use Cases for User Data Privacy in News Media Industry</b>”, In: <i>International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT) - 2019</i>, pp. 1-6. doi: 10.1109/ICASERT.2019.8934660</p> <p>[C2] <b>Ahmedur Rahman Shovon</b>, Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, “<b>A RESTful E-Governance Application Framework for People Identity Verification in Cloud</b>”, In: <i>International Conference on Cloud Computing - 2018</i>, Seattle, USA.</p> <p>[C1] Shanto Roy, <b>Ahmedur Rahman Shovon</b> and Md. Whaiduzzaman, “<b>Combined approach of Tokenization and Mining to secure and optimize Big Data in Cloud Storage</b>”, In: <i>IEEE R10 Humanitarian Technology Conference (R10-HTC) - 2017</i>, pp. 83-88. doi: 10.1109/R10-HTC.2017.8288912</p>
<b>Book Chapters</b>	<p>[B1] <b>Ahmedur Rahman Shovon</b>, Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, “<b>A RESTful E-Governance Application Framework for People Identity Verification in Cloud</b>”, In: <i>Luo M., Zhang L.J. (eds) Cloud Computing CLOUD 2018. CLOUD 2018. Lecture Notes in Computer Science, vol 10967. Springer, Cham. (LNCS, volume 10967, pp 281-294.)</i>.</p>
<b>Technical Skills</b>	<p><b>Advanced:</b> Python, JavaScript, SQL, PHP, Git, JIRA, Linux, HTML, CSS.  <b>Intermediate:</b> Java, C++, AWS, NoSQL, Bash, REST API Design, LaTeX.  <b>Basic:</b> C#, Azure, GCP, Openshift, Subversion, Openstack.</p>
<b>Academic Awards and Honors</b>	<p>2016-2017: National Science and Technology (NST) Fellowship, Ministry of Science and Technology, Bangladesh for Masters Research  2011-2015: University Merit Scholarships at undergraduate level  2011: National Education Board Scholarship in H.S.C examination  2010: Champion in higher secondary category at Bangladesh Mathematical Olympiad  2010: National Education Board Scholarship in S.S.C examination  2008: Talent Pool Scholarship in National Junior Scholarship Examination</p>
<b>Project Works</b>	<p><b>Tradewinds(<a href="http://tradewindsnews.com">tradewindsnews.com</a>):</b> (Full Stack Developer)  TradeWinds is the world’s biggest shipping news service, publishing both online news and a printed weekly newspaper, that covers shipping as a global industry.  Technologies: <i>Django, React JS, jQuery, MySQL, Openshift.</i></p> <p><b>Upstream(<a href="http://upstreamonline.com">upstreamonline.com</a>):</b> (Full Stack Developer)  The leading global oil, gas and energy news resource. Covering the latest oil and gas news including shale, lng, drilling, exploration and production.  Technologies: <i>Django, React JS, jQuery, MySQL, Openshift.</i></p> <p><b>Recharge(<a href="http://rechargenews.com">rechargenews.com</a>):</b> (Full Stack Developer)  Recharge provides business intelligence for the renewable-energy industries, that matter most to the wind and solar sectors.  Technologies: <i>Django, React JS, jQuery, MySQL, Openshift.</i></p> <p><b>Easy C(<a href="https://github.com/arsho/EasyC">github.com/arsho/EasyC</a>):</b> (Team Leader)  A real time web and mobile application(Android) to learn C programming language.</p>

<b>Problem Solving Experience</b>	<b>IEEEExtreme Programming Competition 9.0</b>	Team: <i>JUIITCoders</i>
	Achieved 7 <sup>th</sup> position out of 2,477 teams in 24 October 2015.	
	<b>IUPC - 2015</b>	
	Achieved 1 <sup>st</sup> position in <i>Intra University Programming Contest (IUPC), 2015</i> .	
	<b>Hackerrank Python Domain and Security Domain</b>	Handle: <i>arsho</i>
Ranked 1 <sup>st</sup> in Hackerrank Python domain and Security domain worldwide.		
	<b>Online Judge(Former UVa Online Judge)</b>	Handle: <i>ar_sho</i>
Solved 350+ data structure and algorithm problems.		
	<b>Leetcode</b>	Handle: <i>arsho</i>
Solved 160+ data structure and algorithm problems.		
	<b>Participations in national programming contests</b>	
IUT National Programming contest - 2012, BUBT National Programming contest - 2012, NSU National Programming contest - 2013, IUT National Programming contest - 2013.		
<b>Community Contributions</b>	<b>Python Package Author</b>	Handle: <i>arsho</i>
	Author of <i>Bangla</i> , <i>AutoLike</i> and <i>CopyUSB</i> open source packages which are published in <i>The Python Package Index(PyPI)</i> .	
	<b>Contribution in StackOverflow</b>	Handle: <i>arsho</i>
	Gained 6200+ reputation in <i>StackOverflow</i> - Where Developers Learn, Share & Build Careers.	
	<b>Contribution in Github</b>	Handle: <i>arsho</i>
	Contributor and maintainer of several popular open source projects in <i>Github</i> .	
	<b>Wordpress Plugin Author</b>	Handle: <i>arsho</i>
Developed open source plugins for <i>Wordpress</i> with 10k+ installations.		
	<b>Webmaster</b>	05/2015 - 10/2016
IEEE Student Branch, Jahangirnagar University, Dhaka, Bangladesh.		
<b>Reference</b>	<b>Dr. Md Whaiduzzaman</b>	
	Associate Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh. Tel: +8801724874449 Email: wzaman@juniv.edu	
	<b>Dr. M. Shamim Kaiser</b>	
Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh. Tel: +8801711932323 Email: mskaiser@juniv.edu		