

AHMEDUR RAHMAN SHOYON

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Education	Master of Science in Information Technology (October, 2018) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.67 (in the scale of 4.00). Bachelor of Science in Information Technology (March, 2016) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.73 (in the scale of 4.00). Higher Secondary Certificate (2011) Sylhet MC College, Sylhet, Bangladesh. GPA: 5.00 (in the scale of 5.00). Secondary School Certificate (2009) Sylhet Govt. Pilot High School, Sylhet, Bangladesh. GPA: 5.00 (in the scale of 5.00).
Research Interest	Cloud Computing Software Engineering Natural Language Processing Machine Learning
Research Experience	01/2016 - 12/2018: IIT, Jahangirnagar University, Dhaka, Bangladesh. <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].
Related Courses Attended	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.
Teaching Experience	01/2015 - 12/2015: IIT, Jahangirnagar University, Dhaka, Bangladesh. <i>Teaching Assistant</i> , Operating System Lab.
Professional Experience	06/2019 - ongoing: ICT Division, Government of Bangladesh. <i>Assistant Programmer</i> , Department of Information & Communication Technology. 12/2017 - 06/2019: Cefalo Bangladesh Ltd. <i>Software Engineer</i> , NHST Global Team.
Language Proficiency	IELTS: 7.5 (Listening-8.5, Reading-8.5, Writing-6.0, Speaking-7.0)

Conference Papers	<p>[C3] Ahmedur Rahman Shovon, Shanto Roy, Arnab Kumar Shil, and Tanjila Atik, “GDPR Compliance: Implementation Use Cases for User Data Privacy in News Media Industry”, 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] Ahmedur Rahman Shovon, Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, “A RESTful E-Governance Application Framework for People Identity Verification in Cloud”, In: <i>International Conference on Cloud Computing - 2018</i>, Seattle, USA.</p> <p>[C1] Shanto Roy, Ahmedur Rahman Shovon and Md. Whaiduzzaman, “Combined approach of Tokenization and Mining to secure and optimize Big Data in Cloud Storage”, In: <i>IEEE R10 Humanitarian Technology Conference (R10-HTC) - 2017</i>, pp. 83-88. doi: 10.1109/R10-HTC.2017.8288912</p>
Book Chapters	<p>[B1] Ahmedur Rahman Shovon, Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, “A RESTful E-Governance Application Framework for People Identity Verification in Cloud”, 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>
Technical Skills	<p>Advanced: Python, JavaScript, SQL, PHP, Git, JIRA, Linux, HTML, CSS. Intermediate: Java, C++, AWS, NoSQL, Bash, REST API Design, LaTeX. Basic: C#, Azure, GCP, Openshift, Subversion, Openstack.</p>
Academic Awards and Honors	<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>
Project Works	<p>Tradewinds(tradewindsnews.com): (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>Upstream(upstreamonline.com): (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>Recharge(rechargenews.com): (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>Easy C(github.com/arsho/EasyC): (Team Leader) A real time web and mobile application(Android) to learn C programming language.</p>

Problem Solving Experience	IEEEExtreme Programming Competition 9.0	Team: <i>JUITCoders</i>
	Achieved 7 th position out of 2,477 teams in 24 October 2015.	
	IUPC - 2015	
	Achieved 1 st position in <i>Intra University Programming Contest (IUPC), 2015</i> .	
	Hackerrank Python Domain and Security Domain	Handle: <i>arsho</i>
Community Contributions	Ranked 1 st in Hackerrank Python domain and Security domain worldwide.	
	Online Judge(Former UVa Online Judge)	Handle: <i>ar_sho</i>
	Solved 350+ data structure and algorithm problems.	
	Leetcode	Handle: <i>arsho</i>
	Solved 150+ data structure and algorithm problems.	
	Participations in national programming contests	
	IUT National Programming contest - 2012, BUBT National Programming contest - 2012, NSU National Programming contest - 2013, IUT National Programming contest - 2013.	
	Python Package Author	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> .	
	Contribution in StackOverflow	Handle: <i>arsho</i>
	Gained 6000+ reputation in <i>StackOverflow</i> - Where Developers Learn, Share & Build Careers.	
	Contribution in Github	Handle: <i>arsho</i>
Reference	Contributor and maintainer of several popular open source projects in <i>Github</i> .	
	Wordpress Plugin Author	Handle: <i>arsho</i>
	Developed open source plugins for <i>Wordpress</i> with 10k+ installations.	
	Webmaster	05/2015 - 10/2016
	IEEE Student Branch, Jahangirnagar University, Dhaka, Bangladesh.	
	Dr. Md Whaiduzzaman	
	Associate Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh.	
	Tel: +8801724874449	
	Email: wzaman@juniv.edu	
	Dr. M. Shamim Kaiser	
	Associate Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh.	
	Tel: +8801711932323	
	Email: mskaiser@juniv.edu	