AHMEDUR RAHMAN SHOVON

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Shahjalal Upashahar
Sylhet Sadar, Sylhet, Bangladesh

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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
Natural Language Processing
Information Visualization
Machine Learning

Research Experience

01/2016 - 12/2018: **IIT, Jahangirnagar University, Dhaka, Bangladesh**.
Research Assistant, 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**.
Teaching Assistant, Operating System Lab.

Professional Experience

06/2019 - ongoing: **ICT Division, Government of Bangladesh**.
Assistant Programmer, Department of Information & Communication Technology.

12/2017 - 06/2019: **Cefalo Bangladesh Ltd.**
Software Engineer, NHST Global Team.

Language Proficiency

IELTS: 7.5 (Listening-8.5, Reading-8.5, Writing-6.0, Speaking-7.0)

Conference Papers	[**C3**] **Ahmedur Rahman Shovon**, Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, "**A RESTful E-Governance Application Framework for People Identity Verification in Cloud**", In: *International Conference on Cloud Computing - 2018*, Seattle, USA.
	[**C2**] Shanto Roy, **Ahmedur Rahman Shovon** and Md. Whaiduzzaman, "**Combined approach of Tokenization and Mining to secure and optimize Big Data in Cloud Storage**", In: *IEEE R10 Humanitarian Technology Conference (R10-HTC) - 2017*, pp. 83-88.
	[**C1**] **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: *International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT) - 2019* . [Accepted and Presented]
Book Chapters	[**B1**] **Ahmedur Rahman Shovon**, Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, "**A RESTful E-Governance Application Framework for People Identity Verification in Cloud**", In: *Luo M., Zhang LJ. (eds) Cloud Computing CLOUD 2018. CLOUD 2018. Lecture Notes in Computer Science, vol 10967. Springer, Cham. (LNCS, volume 10967, pp 281-294.)*.
Technical Skills	**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.
Academic Awards and Honors	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
Project Works	**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: *Django, React JS, jQuery, MySQL, Openshift.*
	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: *Django, React JS, jQuery, MySQL, Openshift.*
	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: *Django, React JS, jQuery, MySQL, Openshift.*
	Easy C(*github.com/arsho/EasyC***):** (Team Leader) A real time web and mobile application(Android) to learn C programming language.

Problem Solving Experience	**IEEEXtreme Programming Competition 9.0**	Team: *JUIITCoders*

Problem Solving Experience

IEEEXtreme Programming Competition 9.0   Team: *JUIITCoders*
Achieved 7th position out of 2,477 teams in 24 October 2015.

IUPC - 2015
Achieved 1st position in *Intra University Programming Contest (IUPC), 2015*.

Hackerrank Python Domain and Security Domain   Handle: *arsho*
Ranked 1st in Hackerrank Python domain and Security domain worldwide.

Online Judge(Former UVa Online Judge)   Handle: *ar_sho*
Solved 350+ data structure and algorithm problems.

Leetcode   Handle: *arsho*
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.

Community Contributions

Python Package Author   Handle: *arsho*
Author of *Bangla*, *AutoLike* and *CopyUSB* open source packages which are published in *The Python Package Index(PyPI)*.

Contribution in StackOverflow   Handle: *arsho*
Gained 5900+ reputation in *StackOverflow* - Where Developers Learn, Share & Build Careers.

Contribution in Github   Handle: *arsho*
Contributor and maintainer of several popular open source projects in *Github*.

Wordpress Plugin Author   Handle: *arsho*
Developed open source plugins for *Wordpress* with 10k+ installations.

Webmaster   05/2015 - 10/2016
IEEE Student Branch, Jahangirnagar University, Dhaka, Bangladesh.

Reference

Dr. Md Whaiduzzaman
Associate Professor, Institute of Information Technology,
Jahangirnagar University, Dhaka, Bangladesh.
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Email: wzaman@juniv.edu

Dr. M. Shamim Kaiser
Associate Professor, Institute of Information Technology,
Jahangirnagar University, Dhaka, Bangladesh.
Tel: +8801711932323
Email: mskaiser@juniv.edu