

AHMEDUR RAHMAN SHOYON

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EXPERIENCE

Assistant Programmer

Department of Information & Communication Technology

June 2019 – Ongoing

Sylhet, Bangladesh

Ministry of Posts, Telecommunications and Information Technology, Bangladesh.

Software Engineer

Cefalo

December 2017 – June 2019

Dhaka, Bangladesh

I was a consultant to NHST Media Group. Our team was continuously developing and maintaining five publications of this Norwegian media conglomerate. We followed agile methodologies to carry out the tasks in a disciplined manner. Mostly worked with Python (Django, Django REST Framework), JavaScript (React, jQuery) to develop the web applications and various CI/CD tools to automate application deployment process.

Software Engineer

Codalo

October 2016 – November 2017

Dhaka, Bangladesh

Worked on the development of an Education as a Service(EaaS) application. Additionally, I developed real time fingerprint based attendance system with instant messaging service.

Freelancer

Upwork

April 2015 – Present

Dhaka, Bangladesh

Working on a contractual basis. I am involved in web and data driven application development. I have developed custom plugins and data scrappers as per clients' requirements.

EDUCATION

MSc in Information Technology

Jahangirnagar University, Dhaka, Bangladesh

2015 – 2016(October, 2018)

CGPA-3.67(in the scale of 4.00)

BSc in Information Technology

Jahangirnagar University, Dhaka, Bangladesh

2011 – 2015(March, 2016)

CGPA-3.73(in the scale of 4.00)

Higher Secondary Certificate

Sylhet MC College, Sylhet, Bangladesh

2011

GPA-5.00(in the scale of 5.00)

Secondary School Certificate

Sylhet Govt. Pilot High School, Sylhet, Bangladesh

2009

GPA-5.00(in the scale of 5.00)

ACHIEVEMENTS



IEEE Xtreme 9.0

Achieved 7th position in IEEEExtreme Programming Competition 9.0 out of 2,477 teams.



Programming Contest

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



Problem Solving

Solved over 700 problems in UVA, Codeforces & Hackerrank.



Community Contribution

Gained 6000+ reputation in Stack Overflow.

SKILLS

Python
JavaScript
PHP
MySQL
REST API Design
HTML & CSS
Java
C
C++
Git & SVN
Jira
Linux
PostgreSQL
MongoDB
AWS



RESEARCH INTEREST

Cloud Computing

Machine Learning

Natural Language Processing

Data Science

Software Engineering

LANGUAGE

Bangla
English



PUBLICATIONS


- *Ahmedur Rahman Shovon*, Shanto Roy, Tanusree Sharma and Md. Wahiduzzaman, "A RESTful E-Governance Application Framework for People Identity Verification in Cloud", International Conference on Cloud Computing-2018, Seattle, USA.
ISBN: 978-3-319-94295-7
Published in: Springer Lecture notes in Computer Science Book Series
- Shanto Roy, *Ahmedur Rahman Shovon* and Md. Whaiduzzaman, "Combined approach of Tokenization and Mining to secure and optimize Big Data in Cloud Storage", IEEE R10 Humanitarian Technology Conference (R10 - HTC) - 2017.
DOI: 10.1109/R10-HTC.2017.8288912
Published in: IEEE
- *Ahmedur Rahman Shovon*, Shanto Roy, Arnab Kumar Shil and Tanjila Atik, "GDPR Compliance: Implementation Use Cases for User Data Privacy in News Media Industry", International Conference on Advances in Science, Engineering and Robotics Technology 2019 (ICASERT 2019).
DOI: 10.1109/ICASERT.2019.8934660
Published in: IEEE

PROJECTS

Tradewinds - 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. (developer)

 tradewindsnews.com  Django, React JS, jQuery, MySQL

Upstream - The leading global oil, gas and energy news resource. Covering the latest oil and gas news including shale, lng, drilling, exploration and production. (developer)

 upstreamonline.com  Django, React JS, jQuery, MySQL

Recharge - Recharge provides business intelligence for the renewable-energy industries, that matter most to the wind and solar sectors. (developer)

 rechargenews.com  Django, React JS, jQuery, MySQL

Easy C - A real time web and mobile application to learn C programming language. (team leader)

 github.com/arsho/EasyC  PHP, jQuery, MySQL, Android SDK

Bangla, AutoLike, CopyUSB - PyPI(Python Package Index) enlisted Python packages. (creator)

 Bangla, AutoLike, CopyUSB  Python

Type Speed - One minute typing test Facebook app with popular 5000 English words. (creator)

 apps.facebook.com/type_speed/  jQuery, Facebook Graph API, Heroku

Bangladesh Electronics Olympiad - A national competition for undergraduate students. (creator)


 eo-bd.org  PHP, MySQL, jQuery

CERTIFICATIONS

The International English Language Testing System(IELTS) - Academic


 October 31, 2019


 British Council

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

Information Technology Passport Examination (ITEE - IP)


 April 24, 2016

 Bangladesh Computer Council (BCC) governed by IPA, Japan.

 Ranked third in Bangladesh

Effective Object Oriented Programming

 March 21, 2018 - May 30, 2018

 Cefalo School (view certificate)

 Passed with distinction


Front End Development Certification

 October 22, 2015 - March 10, 2016

 FreeCodeCamp (view certificate)

Mobile Application Development (Android)


 November 2, 2015 - January 2, 2016

 BASIS Institute of Technology and Management (BITM)

ACTIVITIES


Teaching Assistant - Operating System Lab

 January, 2015 - December, 2015

 Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh


Research Member

 January, 2016 - Ongoing

 Mobile Cloud Computing and Big Data Research Group(MCCBD), Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh

Web Master

 May, 2015 - October, 2016


 IEEE Student Branch, Jahangirnagar University, Dhaka, Bangladesh

AWARDS

- *National Science and Technology (NST) Fellowship*, Ministry of Science and Technology, Bangladesh (2016 - 2017) for Masters Research
- *University Merit Scholarships* at undergraduate level, 2011 - 2015
- *National Education Board Scholarship* in HSC examination, 2011
- Champion in higher secondary category at Bangladesh Mathematical Olympiad, 2010
- *National Education Board Scholarship* in SSC examination, 2009
- Talent Pool Scholarship in *National Junior Scholarship Examination*, 2007

PROBLEM SOLVING EXPERIENCE

UVa Online Judge - Solved 350+ problems

 ar_sho </> C, C++, Java, Python

Hackerrank Python Domain and Security Domain - Ranked 1st in Hackerrank Python domain and Security domain worldwide

 arsho </> Python, Security

Codesignal - Ranked 5th in all time leader board in Bangladesh

 arsho </> Data Structure & Algorithm

Leetcode - Solved 150+ problems

 arsho </> C++, Java, Python

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 etc.

COMMUNITY CONTRIBUTIONS


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

 arsho </> Python

Contribution in Stack Overflow - Gained 6000+ reputation in Stack Overflow - Where Developers Learn, Share, & Build Careers.

 arsho </> Python, JS, Java, MySQL, DS, PHP

Contribution in Github - Contributor and maintainer of several popular open source projects in Github.

 arsho </> Python, JS, MySQL, Java


Wordpress Plugin Author - Developed open source plugins for Wordpress with 10k+ installations.

 arsho </> Wordpress, JavaScript, jQuery

REFEREES

Dr. Md Whaiduzzaman

 Associate Professor


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Dr. M. Shamim Kaiser

 Associate Professor

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