AHMEDUR RAHMAN SHOVON

@ shovon.sylhet@gmail.com   📞 +8801731246426   📍 Sylhet, Bangladesh   🔗 arshovon.com
in linkedin.com/in/arshovon   github.com/arsho   stackoverflow.com/u/3129414

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 IEEEXtreme 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

Skill	Level
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

Language	Level
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, Seatle, 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). (Accepted)

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
- Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh
- @ wzaman@juniv.edu
- +8801724874449

Dr. M. Shamim Kaiser

- Associate Professor
- Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh
- @ mskaiser@juniv.edu
- +8801711932323