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EXPERIENCE

Software Engineer

Cefalo

December 2017 – Ongoing Dhaka, Bangladesh

- I am a consultant to NHST Media Group. Our team is continuously developing and maintaining five publications of this Norwegian media conglomerate. We follow agile methodologies to carry out the tasks in a disciplined manner.
- Mostly working with Python (Django, Django REST Framework), JavaScript (React, jQuery) 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

2015 – 2016 CGPA-3.67(4.00)

BSc in Information Technology

Jahangirnagar University

2011 – 2015 CGPA-3.73(4.00)

Higher Secondary Certificate

Sylhet MC College

2011 GPA-5.00(without optional subject)

Secondary School Certificate

Sylhet Govt. Pilot High School

2009 GPA-5.00(without optional subject)

ACHIEVEMENTS



IEEE Xtreme

Achieved 7th position in IEEE Xtreme Programming Contest 2015 among 2477 teams



Programming Contest

Achieved 1st position in Inter University Programming Contest (IUPC) 2015



Problem Solving

Solved over 700 problems in UVA, Codeforces & Hackerrank.

SKILLS

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



RESEARCH INTEREST

Cloud Computing

Artificial Intelligence

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

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


Cookie Cleaner - A Google Chrome extension to remove cookies with hard reload. (creator)

 Extension in Chrome store </> JavaScript

CERTIFICATIONS

Information Technology Passport Examination (ITEE - IP)

 April 24, 2016

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


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)

Effective Object Oriented Programming

 March 21, 2018 - May 30, 2018

 Cefalo School (view certificate)

ACTIVITIES

Teaching Assistant - Operating System Lab

 January, 2015 - December, 2015

 IIT, Jahangirnagar University

Web Master

 May, 2015 - October, 2016

 IEEE Student Branch Jahangirnagar University

AWARDS

- *National Science and Technology (NST) Fellowship*, Ministry of Science and Technology, Bangladesh (2016 - 2017) for Masters Research
- *University Merit Scholarships* for all four years at undergraduate level
- *Education board scholarship* for HSC result
- *Education board scholarship* for SSC result
- Champion and runner up prizes in junior and secondary level National Mathematical Olympiad.

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 130+ 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 - Created several plugins which are published in Python package index

 arsho </> Python

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

 arsho </> Wordpress, JavaScript, jQuery

Contribution in Stack Overflow - Achieved over 3600+ reputations in Stack Overflow which is a question and answer site for professional and enthusiast programmers.





 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

REFEREES

Dr. Md Whaiduzzaman

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