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**Birth Date: 20-12-1994**

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**Online portfolio link: <https://shanewas.github.io> [\*]**



\*up and available after 10<sup>th</sup> of July.

### **Career Objective:**

Programming and Solving analytical problems are my arena and that is what I intend to pursue throughout my career. As a skilled, experienced computer science student with extensive knowledge of programming and computer applications along with working experience of 2 years, looking forward to work in cutting-edge competitive industry and challenging work environment to keep up with the emerging trends in the IT sector and conduce the best of my ability.

### **Why I want to work in Japan?**

Japan has a thriving IT sector. Besides, Japanese are intelligent, workaholic and efficient in all areas of industry and business. For a CSE graduate like me; who wants to learn more. It's an opportunity to work and learn from these dedicated professionals. In addition, Japan has exceptionally low crime rates and Japanese people are also very well-mannered. So, considering these factors, getting a chance to work in Japan will be a head-start for my career.

### **Academic Background:**

**Degree: BSC in Computer Science**

**University Name: BRAC University**

**Duration: 2013-2019**

**Passing Date: 30<sup>th</sup> August**

**Result: 2.45 out of 4.00**

### **Technical Skills:**

**A = Team Lead or Managerial Level experience, B = Professional project Experience, C = Personal / Academic Project Experience, D = Theoretical Knowledge**

Skills	Level	Skills	Level	Skills	Level
JAVA	B	HTML & CSS	B	JAVASCRIPT	B
PYTHON	B	Docker	C	BOOTSTRAP	B
Data Science	C	REACT.js	C	C#	C
MYSQL & PHP	B	LARAVEL	B	MACHINE LEARNING	C
ARTIFICIAL INTELLIGENCE	D	Basic & Advance Networking	C	Cyber-Security	D

### **Projects Worked on with Professional extent:**

1. Enterprise software for AG Communication ltd. <https://github.com/shanewas/agcommunication>
2. Nemesis [the Music band Nemesis] App name: nemesis\_proximity\_app:  
[https://github.com/shanewas/nemesis\\_proximity](https://github.com/shanewas/nemesis_proximity) {demo link , because main app is in private repo.}
3. Worked with Bangladesh Tourism department for 1 month in 2016. Under the cause of Sustainable Tourism 2016 project. [Repo private]
4. NeonSofts Portal. [https://github.com/shanewas/NeonSofts\\_Portal](https://github.com/shanewas/NeonSofts_Portal)
5. TP Link custom modification firmware. <https://github.com/shanewas/TP-LINK>
6. Simplified product selling website VisBasket. <https://github.com/shanewas/vidBasket>
7. Contributor of material theme jetbrain [Jetbrain.com] <https://github.com/shanewas/material-theme-jetbrains>

**Academic or Personal Project Experience:**

<b>Duration</b>	<b>Project Details</b>	<b>Technology Used</b>	<b>Your Role (Part of Project)</b>
Jan, 2015– Mar, 2015 (3 Months)	<b>Project Title: Bank Management System.</b>  <b>Project Summary:</b> It was a project of Database Manage Systems course. Which was designed to maintain banking information to allow the system work accordingly	PHP, HTML, CSS, Bootstrap, MySQL	Total Number of Members: 4  Part of Project: UI Design, Back-end coding  Your Role: Programmer
Aug, 2015– Oct, 2015 (2 Months)	<b>Project Title: Hotel Management System.</b>  <b>Project Summary:</b> This GUI project was an Academic project to Maintain the information of a Hotel's regular activities.	JAVA, SQLite, Swing	Total Number of Members: 2  Back-end coding  Your Role: Programmer
Aug, 2016– Nov, 2016 (3 Months)	<b>Project Title: Sales Representative App.</b>  <b>Project Summary:</b> An android application which works as a media between a company and its client. The client can see updated product list of the company through this app as well as order for product instantly.	JAVA, Android Studio, MySQL	Total Number of Members: 3   Project: UI Design, Back-end coding  Your Role: Programmer

(1 Month)	<b>Project Title: Java Servlet Project.</b>  <b>Project Summary: Admission test eligibility test site.</b>	JAVA, Tomcat, HTML, CSS	<b>Total Number of Members: 3</b>  <b>Part of Project: Back-end</b>  <b>Your Role: Programmer</b>
Sept,2016- Oct,2016 (1 Month)	<b>Project Title: Online_Examination_System.</b>  <b>Project Summary: Online Quiz test.</b>	JAVA, MySQL, Swing	<b>Total Number of Members: 3</b>  <b>Part of Project: UI, Back-end coding.</b> <b>Your Role: Programmer</b>
Jan,2017 – Jan,2017 (1 Month)	<b>Project Title: eCommerce Website.</b>  <b>Project Summary: A local ecommerce site using Wordpress.</b>	Wordpress, Premium Theme.	<b>Total Number of Members: 2</b>  <b>Your Role: Programmer</b>
Mar,2018 - Mar,2018	<b>Online Calculator using ReactApp</b>	ReactJs, Firebase	<b>Total Number of Members: 2</b>

### Language Skills:

Language	Reading	Writing	Listening	Speaking
Bangla	Good	Good	Good	Good
English	Good	Good	Good	Good
French	Average	Bad	Average	Average
Arabic	Good	Average	Average	Bad

### **Work Experience:**

- Robotics club of BRAC University – ROBU
- Java Enterprise Software development & log development (2013-2014) , Pixelizard.
- Game Physic Programmer, Intern (March,2014 -November,2014), Softwind Tech, Banani, Dhaka. [Referred by Raisul karim, Lecturer, Brac university]
- Co-Founder of NeonSofts, worked as a developer and team lead (12<sup>th</sup> December 2014 – December 2017)

### **Volunteering Experience:**

- It's Humanity Foundation, (2013-present) (works for deprived children)
- Meetup Community (Dedicated to help and evolve Science and Technology enthusiast)

### **Special Achievements:**

Notable research work:

- 1) "Alzheimer prediction and feature analysis from Optical Coherence Tomographic images using deep Learning" with collaboration of University of Sydney, Sydney, Australia. (Under Supervision of Md. Ashraful Alam, PhD, Assistant Professor, Brac University) (2018-2019)  
Research Lab: Specialized lab named Computer Vision and Intelligent Systems (CVIS), Brac University, Dhaka, Bangladesh.  
Member: 3 members and 1 Assistant.
  - 2) Review paper based on Alzheimer and its biomarker & potential of predicting Alzheimer before its terminal. (In the process of publication) (2018-2019)
  - 3) Collaboration credit: A hardware-based system using pH sensor with the help of Arduino, to find out all possible crops for a specific land and providing fertilizer recommendation for all those crops as well as crop distribution lists. (Published in a journal East West University, Dhaka, Bangladesh) (2018)
  - 4) Project Paper: Calculating and controlling the Soil PH level and moisture level in an autonomous way. Supervisor: Ejaz Jamil, Managing Director, Jence, Bangladesh & visiting faculty Brac University. (2018)
- Became 1<sup>st</sup> at National Hackathon 8<sup>th</sup> December 2014, Institution of Diploma Engineers, Bangladesh. (IDEB). (was published in all national newspaper in Bangladesh)
  - Secured 4<sup>th</sup> place in intra university programming contest in March 2015, BRAC University  
Group Name: Mega Mind, Member: 3. Solved: 4 out of 7 Question.

- Microsoft Student Partner (MSP) (2013-2016) Campus recruitment, Office: Laila Tower, 8 Bir Uttam Mir Shawkat Sarak, Dhaka 1212.
- Microsoft Student Partner Benefit holder (2013-2019) comes with life time support of all Microsoft development products including windows services.
- Statement of Accomplishment #4499957 issued by Data Camp on Dec 09, 2017 for Completing Introduction to Python path.
- Data Analyst in Python Path;
  - a. Completing online courses on DATAQUEST.IO to get the certification on “Python Programming: Beginner”  
( [https://app.dataquest.io/verify\\_cert/0NW26QZ98N1DQ072WJY6/](https://app.dataquest.io/verify_cert/0NW26QZ98N1DQ072WJY6/))
  - b. Completing online courses on DATAQUEST.IO to get the certification on “Python for Data Science: Intermediate”  
( [https://app.dataquest.io/verify\\_cert/l1XVXFMI3BQVWN3FKAUZ/](https://app.dataquest.io/verify_cert/l1XVXFMI3BQVWN3FKAUZ/))
  - c. Completing online courses on DATAQUEST.IO to get the certification on “Python for Data Science: Fundamentals”  
( [https://app.dataquest.io/verify\\_cert/QBVX3AUQMBSTUWVTP8P2/](https://app.dataquest.io/verify_cert/QBVX3AUQMBSTUWVTP8P2/))
- Industrial training in Pluralsight:
  - a. Windows Server 2012 R2(70-410) MCSA and 70-410 Exam by Greg Shields and Jason Helmick. 11<sup>th</sup> March 2015
  - b. Ethical Hacking (Full training path) by Dale Meredith. 2<sup>nd</sup> October 2018
- 50 hours of progression in Machine Learning with Python with Data Camp. (Certification is Not completed yet.)
- Completed courses in MVA (Microsoft Virtual Academy) on C#, Game Development with Unity3D, Microsoft Server and App service etc. (Microsoft discontinued this program)
- Workshops:
  - All development workshop organized by Brac University Computer Club.
  - Firefox & development by Firefox Bangladesh, Brac University (2015) [Mohi Us Sunnat, Team lead of Firefox Bangladesh]
  - Game Development Training Program by former faculty of Brac university Risul Karim. (2013-2014)
  - Nurture.AI Machine Learning Workshop BRACU by CVIS (6 Dates · Aug 16, 2018 - Jan 1, 2019)
  - CVIS Hands on Training Program on Game Development (18 Sessions) Oct 24 – Nov 7, 2018.
  - CVIS Hands on Training Program on Virtual and Augmented Reality