

Asif Mohaimen

C-3, 2nd floor, BKSP
Savar, Dhaka-1349, Bangladesh
Mobile: +880-1779-099275
E-Mail: hi@asifmohai.men
Homepage: <https://asifmohai.men>



Education	<i>Bachelor of Science (Engineering) in Computer Science & Engineering</i> 2013 - 2017 CGPA 3.34/4.00 Shahjalal University of Science & Technology Sylhet, Bangladesh
	<i>Higher Secondary Certificate</i> 2012 GPA 5.00/5.00 Savar Cantonment Public School & College Savar, Dhaka, Bangladesh
	<i>Secondary School Certificate</i> 2010 GPA 5.00/5.00 B.K.S.P Public School Savar, Dhaka, Bangladesh
Experience	<i>QA Specialist</i> August, 2019 - January, 2022 Eskimi DSP Projects: RTB Dashboard UI Test Suite, RTB Integration Tests Suite Extra: Automation projects lead, QA Recruitment & Tech Talks participation.
	<i>Software Engineer, Tools and Infrastructure</i> March, 2019 - July, 2019 TigerIT Bangladesh Limited Project: Vehicle Model Detection using Deep Learning
	<i>Software Engineer QA</i> October, 2017 - March, 2019 TigerIT Bangladesh Limited Project: KinderMate, Smart assistant for kids
Skills	Programming Languages: Python, Java Test Tools: pytest, Selenium Webdriver in Python & Java, Jmeter Data: MySQL, Oracle Database, SQLite, ElasticSearch, Redis Cloud: Amazon EC2 & Elastic BeanStalk, OpenShift Service: Docker, WebLogic, WildFly, Tomcat, Flask Software Tools: MATLAB, L ^A T _E X, Git, VirtualBox, BurpSuite, Postman, Insomnia Task Management Tools: Asana, Jira, Trello Build Tools: Maven, Ant, Setuptools Networking: CISCO Packet Tracer Familiar IDE: PyCharm, IntelliJ IDEA Familiar OS: macOS, Ubuntu, Windows

Professional Projects

DSP DASHBOARD UI TESTS SUITE

Role: QA Specialist at Eskimi DSP

Periodical selenium tests for DSP Dashboard inside docker container in headless environment triggered with Jenkins. This covers most of the features available in the DSP dashboard.

RTB INTEGRATION TESTS SUITE

Role: QA Specialist at Eskimi DSP

Periodical back end tests for the real time bidding system. Emulated the entire bidding flow with rendering in native environment. Covered the bidder and win notices projects with integration tests which is used to communicate with 40+ ad-exchanges and supply sources to serve ads to billions of profiled internet users.

KINDERMATE

Role: Software Engineer QA at TigerIT Bangladesh Ltd.

- Developed multiple test oriented tools in Java EE.
- Developed a service test framework for KinderMate in Java SE.
- Created automated tests for some core services in Java and Python.
- Worked on the backend architecture of a Conversation Engine.
- Worked on content processor engine for Safe Search for kids.
- Worked on testing full payment flow in App Store and Playstore for the app.

VEHICLE MODEL DETECTION USING DEEP LEARNING

Role: Software Engineer, Tools and Infrastructure at TigerIT Bangladesh Ltd.

- Developed data collection scripts for collecting training data from various sources (e.g. Google Images, Flickr, Different IP Cam Feeds)
- Written automatic training, validation and test data processing script.
- Trained a model for detecting car models in Dhaka City Streets with very high accuracy.

Publications

Mahmud, Q. I., **Mohaimen, A.**, Islam, M. S., & Marium-E-Jannat. (2017). A support vector machine mixed with statistical reasoning approach to predict movie success by analyzing public sentiments. In *2017 20th International Conference On Computer And Information Technology (ICCIT)* (p. 1-6).
doi: 10.1109/ICCITECHN.2017.8281803

Mahmud, Q. I., Shuchi, N. Z., Tawsif, F. M., **Mohaimen, A.**, & Tasnim, A. (2020, Jun.). A Machine Learning Approach to Predict Movie Revenue Based on Pre-Released Movie Metadata. In *Journal of computer science* (Vol. 16, p. 749-767). Science Publications.
doi: 10.3844/jcssp.2020.749.767

Undergraduate Thesis

Mohaimen, A., Chakraborty, D., Iqbal, M. Z., & Islam, M. S. (2017a, 04). An automated labeling system for preparing segmented training dataset of Bangla OCR.
doi: 10.13140/RG.2.2.12955.98089

Mohaimen, A., Chakraborty, D., Iqbal, M. Z., & Islam, M. S. (2017b, 09). Bangla OCR Post Processing - Word Based Longest Common Subsequence Technique.
doi: 10.13140/RG.2.2.26377.75360

Academic Projects

SUST ARCHIVE

CSE 300 Project. SUST Archive was developed using **Spring & Hibernate** frameworks. It's a system to store all the projects and research works of all the students of our department under a particular course. The teachers are able to create separate tasks for each course and several groups under each task. He may assign each group a particular project. The students are able to submit their work through the system. Also, an unregistered user is able to see the project and research work of the students that are verified by the teachers.

Keynote: <https://asifmohai.men/sustarchive>

EX-CAP REUNION '16 ONLINE REGISTRATION & TICKETING

This was my first project developed as a voluntary work which was actually being widely used in real life. I have helped over 3000 peoples to complete their registrations for the main event. It was developed with **Java EE & MySQL**. Used **EC2 & Elastic Beanstalk** by **AWS** primarily and **OpenShift** later on for deployment. Also developed a PDF Ticket Generator to generate bar-code embedded PDF tickets for the administrator in **Java SE** using PDFBox & Barbecue Open Source API.

To view some more of my projects, please visit my [LinkedIn](#) or [GitHub](#) profile.

Summary

- Skilled in writing web application tests using Selenium Webdriver.
- Skilled in REST and SOAP service automation test using Java & Python.
- Skilled in developing Test Tools & frameworks.
- Skilled with Payment & Subscription Module implementation and test of Google Play and Apple App Store apps.

Reference

References are available upon request.