

# Curriculum Vitae

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## S. M. Abrar Jahin

Holding No-144/A, East Rajabajar, Farmgate,  
Dhaka, Bangladesh

Phone: +880 1822 804636

E-mail: [abrarjahin@outlook.com](mailto:abrarjahin@outlook.com)

Github: [github.com/AbrarJahin](https://github.com/AbrarJahin)

LinkedIn: [linkedin.com/in/AbrarJahin](https://linkedin.com/in/AbrarJahin)

StackOverflow: [stackoverflow.com/story/AbrarJahin](https://stackoverflow.com/story/AbrarJahin)

LeetCode: [leetcode.com/abrarjahin](https://leetcode.com/abrarjahin)

### Education

#### **B.Sc. in Computer Science and Engineering (CSE)**

Bangladesh University of Engineering and Technology (BUET), Dhaka,  
Bangladesh

### Experience

#### **IT Specialist** (Consultant) [21<sup>st</sup> August, 2019 - Current]

Bangladesh Computer Council (BCC) ([bcc.gov.bd/](http://bcc.gov.bd/))

Worked on 2 projects-

- ▶ **Info Sarker (phase 3) Project-** In this project, we are working on analyzing public sentiment based on Facebook and twitter feed of Bangladeshi users. We had collected data with Facebook and Twitter API then trained our ANN model built with R Programming Language. Then we access the model with the command-line client with SSH access from our API.
- ▶ **Digital Signing Platform-** .In this project, we are developing the digital signing system for any PDF and any web forms on C# WPF and ASP.Net Core, PostGRE and Bootstrap 4. For PDF signing, we had created a desktop client with which PDF can be signed and uploaded. For web forms signing, we had created a desktop client and server API. The desktop client will run a local server on client PC with some API to pass a token, XML download URL, XML upload URL and info. With that API, the web server can call the local server with javascript and pass the parameters. The local client then takes the parameters, download and upload

the XML file securely with the help of short living token. Currently, I am working on KYC system for verifying customer to issue a digital certificate from CA. Our KYC system has 2 parts-

1. Automatic User registration- With the help of AI, verify the user data automatically, developed with ASP.Net Core, Microsoft Face API, PostGRE
2. Live Video Calling- Live video call verification for those who are not automatically verified by our developed AI system developed with ASP.Net Core, SignalR, WebRTC

**IT Engineer** (02<sup>nd</sup> May, 2017 – 20<sup>th</sup> August, 2019)

University of Barisal ([bu.ac.bd/](http://bu.ac.bd/))

Worked on several projects like-

- ▶ University Forms Management System developed on ASP.Net Core, SQL Server, AngularJS 2.0
- ▶ Store Management System developed on ASP.Net Core, jQuery, MsSQL
- ▶ Admission System Tools developed with C# WPF
- ▶ OCR Handwriting Recognizer with Python
- ▶ Student's exam result analyzer and recommending system with Python, NumPy

**Software Engineer** (14Nov, 2016 – Current)

Relisource Technologies Ltd. ([relisource.com/](http://relisource.com/))

Worked on a large-scale Enterprise System for one of the leading clinical trial automation system providers involving Mobile Apps, Web Portals, Web Services and third-party Cloud Services based on ASP.Net MVC, SQL Server, AWS S3, Angular, Angular2, Bootstrap 3, WebRTC, WebPack with server side js pre-rendering, OAuth2.

**Jr. Software Engineer** (22Jan, 2016 – 10Nov, 2016)

Nascenia IT ([nascenia.com/](http://nascenia.com/))

Worked on developing a Real Time Smart Ship App for Telenor (Android and iOS) backend for Smyril Line ([smyrilline.com](http://smyrilline.com)) based on Dot.Net Core, SignalR, jQuery, Bootstrap 3, Databases, Redis, Node.js, PHP, Linux Server Management.

**Internship** (09 Oct, 2013 – 31 Jan, 2014)

Samsung R&D Institute Bangladesh Ltd. (SRBD) (Monem Tower, Kawran Bazar, Dhaka, Bangladesh)

Worked on developing an internal maintenance App based on Android, PHP

and MySQL.

**Web Developer** (15 Sept, 2015 - 05 Nov, 2015)

KVSocial Social Media SaaS Software and Marketing Solutions  
([kvsocial.com/](http://kvsocial.com/))

Worked on developing a real time Webinar based on PHP Laravel 5, Socket.io, AJAX, MySQL, jQuery, Bootstrap3, GoogleMap, HighChart as a freelancing project on behalf of **upwork.com**.

### Certifications

- ▶ IBM Applied Data Science –  
<https://www.coursera.org/account/accomplishments/specialization/certificate/EYPHWY8J2HBX>
- ▶ IBM Data Science -  
<https://www.coursera.org/account/accomplishments/specialization/certificate/9B3N6T53GMDU>
- ▶ Machine Learning (Stanford Online) -  
<https://www.coursera.org/account/accomplishments/certificate/T86JEEW4ZNN8>

### Technical Skills

- ▶ Programming Language – C#, Python, JavaScript, Node.JS, PHP, C, C++, Java
- ▶ Frameworks- ASP.Net Core (Proficient), ASP.Net MVC (Proficient), PHP Laravel (Intermediate), Java Spring Boot (Novice)
- ▶ Complex System Designing
- ▶ Complex Database Designing
- ▶ Database – SQL Server, MySQL, Oracle, MS-SQL, MongoDB, Redis
- ▶ AWS - S3 bucket, EC2 Server with SSH
- ▶ REST API Building with OAuth, OAuth2
- ▶ Frontend using HTML5, CSS3, JavaScript, AJAX, Bootstrap 3, jQuery, Angular.2, Angular.JS, WebPack, NoUiSlider.JS, typehead.js, Google Map v3, Maplace.Js, noUiSlider, highcharts

### Other Projects

- ▶ **C & OpenGL** - Graph Plotter
- ▶ **Java 7** - Torrent Downloader
- ▶ **ASP.Net Core** - Shop Management System using ASP.Net MVC, Angular, Bootstrap3, SQL Server.

- ▶ PHP Laravel - Social Marketplace Website ([mapitem.com](http://mapitem.com)) Based on PHP Laravel, Google Map, Map Place API, Facebook API, Google API, AWS S3, Ubuntu, jQuery
- ▶ PHP Laravel - HP Reporting Website Based on AJAX Map and Datatable( [hpipppm.com](http://hpipppm.com))
- ▶ PHP - Shop Management System - PHP, HTML5, MySQL, CSS3, jQuery

### Achievement

- ▶ Contributed to one of the official Angular Universal Repo - <https://github.com/MarkPieszak/aspnetcore-angular2-universal>
- ▶ Team Leader of a Semi Finalist Team (BUET - Shopnobaj) of the 4th CFICC
  - Project: Next Generation Money Transaction System
- ▶ Team Leader of a Semi Finalist Team (BUET - Dexterous) of the 2nd Banglalink Grandmaster Idea Contest
  - Project: Smart Money Transaction System

### Extracurricular Activity

- ▶ 10k+ scores in StackOverflow (Online Profile - [stackoverflow.com/story/AbrarJahin](https://stackoverflow.com/story/AbrarJahin))
- ▶ Reached about 15M+ people in Stackoverflow
- ▶ 95+ repository in GitHub (Online Profile- [github.com/AbrarJahin](https://github.com/AbrarJahin))
- ▶ One of the contributors of <https://github.com/MarkPieszak/aspnetcore-angular2-universal>
- ▶ Have an experience to lead team
- ▶ Finalist in Robotics Contest in BUET CSE Festival-2013
- ▶ Solved 250+ programming problems in leetcode (Online Profile- <https://leetcode.com/abrarjahin/>)

I certify that the information given in this CV is complete and accurate.



S. M. Abrar Jahin