

## Ahmed Tajbiul Rawol

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**GITHUB:** <https://github.com/Tajbiul-Rawol>



**Summary:** Ever since I first typed my 'Hello World' program I was hooked into the world of programming and since then, I have dedicated myself to learning as much as I can to better myself at every turn and prove myself. I can work well with others and excel in any work environment when push comes to shove.

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## #SKILLS

### Front End

HTML/ XHTML  
CSS/ Javascript  
/jQuery/AngularJS/  
Angular/Primeng

### Back End

PHP/Composer  
SQL Server/MY SQL  
/Oracle/ APACHE/  
C# / Python / C++/  
JAVA

### Source Control

GIT (GIT Flow)  
SCRUM/ AGILE/  
GITHUB

### Frameworks

Laravel  
Bootstrap  
ASP.NET

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## #Professional Experience

### Job 1/ Programmer

Jan 2020 - Present: American International University Bangladesh, Dhaka 1212, Kuratoli

- Converted Mockups and designs into sleek responsive front-end pages based on bootstrap and Google's material design.
- Programmed with Typescript/Angular 1 to 11/ C#/ SQL Server/GIT / TFS
- Evaluated potential software products based upon new and existing system development.
- Led daily standups and managed my team using Agile methodology. Ensured deliverable timelines.
- Collaborated with other developers to identify and alleviate a number of bugs and errors.
- Coordinate with backend developers and assist in implementation to the C# ASP.NET backend. Created stored procedures SQL with SQL Server Management studio.
- Developed and maintained fast scalable APIs that were consumed by client-side applications including mobile devices.
- Wrote technical documentations like SRS and Manuals for developers and end users.
- Built custom tools for data-migrations which sped up the development process by 30%.
- Refactored project architectures for better file structure and code readability and maintainability.
- Built efficient, testable, and reusable modules with appropriate user permissions.

### Job 2/ Instructor- Robotics

July/2018 - August / 2019: Edbase Dhanmondi, Dhaka 1209, Shatmasjid Road

- Took class in introduction to robotics and motor dynamics using Arduino/ Raspberry Pie using C++ / Python.
- Led two robotics teams and supervised the students to successfully make their first Line Follower robots.
- Led my team and won the Idea contest for the best technological proposal.
- Oversaw day to day operations, including managing and implementing the curriculum while maintaining industry standards.
- Devoted special emphasis to punctuality and worked to maintain outstanding attendance records, consistently arriving at work ready to start immediately.
- Automated simple day to day operations using Python.
- Developed Course Curriculum for effective learning of programming languages for efficient applications on robots.

- Oversaw day-to-day operations, including managing curriculum implementation and continuous improvement of industry best practices.

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## #Education

**BSC. Computer Science and Software Engineering** - American International University Bangladesh  
2016 - 2020

Dhaka, 1212

CGPA: 3.55(out of 4.00)

**O levels and A levels** - Cider International School and College, Chattagram, Byazid Bastami, Oxygen  
2012 - 2014

## #Side Projects

### Inventory Management (Web API):

This is a web API that I had built using ASP.NET. The web API is flexible and scalable and show cases my knowledge on Design patterns as it follows the Repository pattern coupled with dependency injection for loose coupling of front end and backend. The web API also uses Token based authentication system for security.

### Inventory Client (Web Client):

This is the web client that I had built to consume the web API using Angular 11 and Primeng. This show cases my ability to Work with any frontend frameworks if put up to it. The web client consumes the API through services for both data fetch and Authentication.

### Social Media App:

This is an online web application where people can login to their profile and socialize with others and Share contents based on similar features like Facebook using session and cookies. The project portrays my skills in PHP and MYSQL as well as OOP.

### Ecommerce Website:

An e-commerce website where you can buy clothes and accessories. The specialty of this website highlights my skill in HTML, CSS Bootstrap as well as JavaScript. I have performed CRUD operations using PHP and MYSQL to showcase my strength in the fundamentals of programming Language and my ability to learn quickly.

## #Interests

Film making and Editing

Game development in C# and C++

Crypto currency development