

# Rifad Ahmed

Self-motivated Web developer having experience on course and Self projects. Passionate and hardworking to learn new things. Interested in both front end and back end development. Currently working on php/laravel.



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## EDUCATION

**BSc. in Computer Science & Engineering**  
American International University-  
Bangladesh **2016 - 2020**  
(3.79 CGPA)

*Elective  
Courses*

- HCI
- Data Warehouse and Data Mining
- SQAT

## HSC

Kadam Rasul college **2013 - 2015**  
(4.68 GPA)

*Section*

- Science

## SSC

B M union High School **2011 - 2013**  
(5 GPA)

*Section*

- Science

## ORGANIZATIONS

AIUB computer club  
*General member*

## CERTIFICATES

- The Web Developer Bootcamp @UDEMY
- PHP with Laravel - Become a Master in Laravel @UDEMY
- IT Essentials course as part of the Cisco
- Networking Academy® program.
- Cloud computing Fundamental (Dev Skill)
- BITS graphics and multimedia programming

## LANGUAGES

Bengali  
*Native*

English  
*Professional Working Proficiency*

## SKILLS

### Concepts

Object-Oriented Programming, Human computer interaction, Computer Graphics, Data Warehouse and Data Mining, MVC

### Front End

HTML, CSS, vanilla JS, jquery, bootstrap4, semantic UI

### Back End

nodeJs/express, npm, API, PHP, laravel, Eloquent ORM, Composer RESTful routing, Json, XML.

### Database

mongoDB, mySQL

### Languages

c/c++, java, c#/.NET

### Tools

Visual Studio, VS code, Code blocks, NetBeans, WEKA, Auto CAD, Packet tracer.

### Other technology

Cloud computing (amazon EC2, S3, Load balancing), GIT, Power Shell

# PERSONAL PROJECTS

## Yelp Camp

*This application is for those who love campgrounds. A user can add a camp details e.g: place, photo, price, whereas other valid users can post comments. Only respective user can modify a post.*

**Technology:** nodeJs/express, npm, mongoose, passport, Restful routing, Vanilla js, Json, HTML, CSS, bootstrap.

**Features:**

- ❖ User sign in, sign up
- ❖ Authentication
- ❖ CRUD operation for user's comments and post

Live project: <https://afternoon-wildwood-76448.herokuapp.com/>

## Color matching Game

*This is a RGB color guessing game where based on 3 numbers for RGB, a user must choose one color box which represent the color according to 3 numbers.*

**Technology:** Vanilla js (DOM manipulation & event handling), HTML, CSS, Semantic UI.

**Features:**

- ❖ Generates random number for every new attempt
- ❖ User can play either easy or hard mode

Live project: <https://shrouded-eyrie-96073.herokuapp.com/>

## TO-Do list

*Write down the tasks which need to be done.*

**Technology:** Vanilla Js, JQuery, HTML, CSS, Bootstrap.

**Features:**

- ❖ Write/delete notes
- ❖ Slight animation for UX

Live project: <https://frozen-anchorage-88139.herokuapp.com/>

## PataTap sound effect

*Press any key between A to Z, each key correspond to a sound with marginal animation. Every key has its own sound.*

**Technology:** paper.js (for animation), howler.js (for sound).

Live project: <https://gentle-mountain-85819.herokuapp.com/>

## IMDB clone application

*A user can search any movie on the search box to get full information e.g. plot, Genre, rating, actor/actress.*

**Technology:** nodeJs/express, NPM, web API, Json, html, css

Live project: <https://fathomless-scrubland-90096.herokuapp.com/>

## Student material distribution

Clone to AIUB portal system.

**Technology:** html, css, php, ajax, xml, mySql, javascript

**Features:**

- ❖ Admin login, student sign up and sign in (both client and server side verification has been done)
- ❖ Student can download material by selecting dept and subject and can also submit a request for missing material.
- ❖ Admin can upload/delete material, check student profile and reports.

## Personal Assistant Based on Voice Command

Works on voice command, for example "open excel" voice command will open MS excel.

**Technology:** c#, .net framework, SQL server

**Features:**

- ❖ It takes voice command to open google, YouTube, excel, word, notepad, paint, calculator, Power point.
- ❖ Sending mail, set alarm, edit photo, check internet (these are customized sub project)

## CV (Curriculum Vita) maker

Generates a CV in PDF format

**Technology:** Java, mySql

**Features:**

- ❖ User need to provide his/her bio data to generate a cv.
- ❖ User info will be saved in DB.  
User can search his name on search box to fetch the data from DB and can modify the info and generate a new cv without over writing same info.

## References:

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