

Md. Alkemy Hossain  
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### **Career Objective:**

Looking for a hard and Challenging Job where I will have the scope to utilize my potentiality, adaptability, and skill to do something innovative and from where I will be able to enhance my knowledge.

### **Relevant Experience:**

#### **Jr. Software Engineer @ trioQuad (May 2019 - March 2020)**

Architect and Developed “Tourgo” a web application for booking hotel rooms, and tour packages using Node.js, MongoDB, Typescript, and, pugJs.

Developed “Easy Invoice” an invoice system for shops to keep track of their sales, stock using Node.js and Typescript. Also, Designed some WordPress websites for the company.

#### **ICT Trainer @ KOICA (12 Days long training program)**

Worked as a trainer of a 12 days long training program named “ICT in Education” for school teachers by KOICA.

### **Research:**

Implemented “Fake news Identification by Stance Detection”. As a team member, my responsibility was to work on the dataset and Machine Learning model.

### **Educational :**

#### **B.Sc. in Engineering**

Department : Computer Science and Engineering (CSE)  
University : IUBAT - International University of Business Agriculture and Technology.  
Result : CGPA 3.66 out of 4.00

#### **Higher Secondary School Certificate (H.S.C), Bangladesh Education Board, Dhaka.**

Result : 5.00 out of 5.00  
Passing year : 2014  
Group : Science.  
Institute : Milestone College

#### **Secondary School Certificate (S.S.C), Bangladesh Education Board, Rajshahi.**

Result : 5.00 out of 5.00  
Passing Year : 2012  
Group : Science.  
Institute : Khayerbaria S.A.R High School

### **Externship Work Experience :**

- Worked as a Mentor in the student mentoring class of the Department of Computer Science & Engineering, IUBAT.
- Worked as Deputy Event Manager at IUBAT IT Society.

## Skills:

<b>Programming Language</b>	: C, C++, Python, Java, Typescript, JavaScript, SQL.
<b>Libraries &amp; Frameworks</b>	: Node.js, Express, django, React, Gatsby, jQuery, pugJs, Bootstrap, HTML, CSS3, SCSS, MySQL,
<b>Tools &amp; Platforms</b>	: MS Excel, SSMS, MongoDB, Linux, Linux Server, MS Server

## Achievements & Certificates:

- Achieved the **First position** in Intra University Robotics Contest.
- Achieved **3rd position** in IRC Robotics contest.
- Attend ‘**Web Scraping with Python**’ on DataCamp.
- Attend ‘**Front-End Web UI Framework and tools: Bootstrap 4**’ course on Coursera.
- Attend ‘**Introduction to programming in java**’ on MIT OpenCourseWare.
- Attend ‘**Introduction to Linux**’ on Edx from The Linux Foundation.
- Attend **Intra University Programming** Contest.
- Attend British Council **Book Reading** Competition

## Academic Projects:

### Employee Payroll (DBMS)

Analyzed and develop an employee payroll system for organizations to keep track of their employee’s salaries. Here all the salary increments and the deduction are calculated automatically based on the employee’s designation and other factors. Using raw PHP, HTML, CSS, and MySQL.

### FTP Server, VPN (Networking)

Created FTP server and Virtual Proxy Network for my networking course. For that, I had to set up an ubuntu server from scratch and install and change some of the utility files to make an FTP server and VPN. Using Virtual Machine, Ubuntu Server, Squid

### School Automation (C#)

We analyzed and develop an automation system for schools with features like admission, result, account using visual .NET, SQL, HTML, CSS, Bootstrap.

### IITS HelpDesk (MIS)

We develop this management system for our university IT society. Our motto was to make a centralized hassle-free help desk where students can take help from society and seniors. using PHP(Codeigniter), MySql, Javascript, Bootstrap.

### Student Database (Programming in C)

We developed this so that we can store all kinds of data of any student in this system. And we can view their information with a single search. Some concept C programming like functions, files, pointer, and string are used here.

### Call Center Activity Tracker (Software Engineer)

We analyzed and developed a management system for the call center to manage schedule, task assigning to the expert, view task progress using PHP(Codeigniter), JavaScript, Bootstrap.

### Reverse Car Parking (FEDS)

We build an Arduino based reverse car parking system and attend intra university project showcasing. We used Arduino Uno, and an Ultrasonic sensor to build this project.

### Personal Background:

Name	: Md. Alkemy Hossain
Father's Name	: Md. Afsar Uddin
Father's Occupation	: Agriculture
Mother's Name	: Mst Sabura Khatun
Mather's Occipation	: House Wife
Date of Birth	: 17 May 1997
Nationality	: Bangladeshi
Religion	: Islam
Sex	: Male
Marital Status	: Unmarried
NID	: 8701696133
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### Reference :

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I am undersigned, hereby that I will be responsible for any wrong information provided here.

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Alkemy Hossain