

## EDUCATION

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**Bachelor of Science in Software Engineering**  
*Daffodil International University at Dhaka*

April 2015- December 2018  
GPA 3.4

## TECHNICAL SKILLS & TOOLS

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**Development:** React JS, Node JS, React Native, Linux Server configuration, WordPress, Express, MongoDB, SQL Server, MySQL, Git, GitHub, Mocha, Software Testing, Black box & White Box.

**Programming Languages:** JavaScript, PHP, OOP, Java, C, Python

**User Experience:** MVP, Requirements analysis, Product launch strategy, Use case diagram, Persona & Scenario

**Prototyping:** Wireframing, Photoshop, Sketch, Adobe XD, HTML/CSS

**Data Science:** Data Analysis, Machine Learning, Heuristic Evaluation, TensorFlow, Artificial Intelligence, Chat Bot

**Embedded Systems:** Internet of Things, Arduino, Raspberry Pi

## WORK EXPERIENCE

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**Revvy Co. PA, USA**  
Pro Bono Consultant  
<http://revvey.com>

April 2018 – Present

- Collaborated with CEO to gather requirements to build app
- Designed & Developed beta version of web app with react & node JS which helps students to find the university matched on their profile.

**Upwork, Remote**  
Full Stack Developer

June 2012 – Present

<https://www.upwork.com/freelancers/~013b5da06c66ae030f>

- Designed User Interfaces for websites as well as designed company Logo & other materials.
- Built many websites using WordPress for various category including blog, E-commerce, Business.
- Recovered compromise websites & improved security.
- Configure WHCMS, VPS like Linux servers with SSL & built REST API

**Invento Bangladesh, Dhaka**  
Web Developer  
<https://invento.com.bd>

Feb 2016 – Nov 2016

- Built websites for business companies with HTML, CSS, PHP & WordPress
- Collaborated with Lead Designer to improve the Restaurant POS System's User Interface

## SIDE PROJECTS

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**Savior - Blood Donating App**  
Android Application - Design

Did Market research, Requirements gathering & Analysis to check the market value of the app  
Designed prototype with sketch app and screen flow

## **Medical App**

iOS Application / React Native

Collaborated with Team member to design part of the app specially Screens which used embedded device to track patient's health condition and connect with doctor with prescriptions

## **University Questions**

Android Application / React Native

<https://play.google.com/store/apps/details?id=com.university.question>

Designed, developed & released the app in playstore which help students search and uploading previous semester questions to get the idea

## **Gym Management System**

Web Application / React

<https://github.com/mgorabbani/gym-react-app>

Design, Develop and Deployed the app using SDLC procedure used React JS, Node JS, MongoDB, REST API as programming language and framework

## **HSA Student**

Web Application / React

<http://higherstudy.club>

Built a web app for students to find possible universities based on their profile who wants to pursue MS/PhD in USA built Frontend with React JS, Backend/API with Node JS & MongoDB.

## **University Management System**

Desktop Application / Java

OOP concept applied on a simple teacher student management app, part of coursework.

## **RESEARCH EXPERIENCE**

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Undergraduate Research

Topic: **Suggest universities based on student's profile using Machine Learning**

July 2018- December 2018

Supervisor: Dr. Touhid Bhuiyan, Dept Head & Professor

- Research on student's previous data collected from various source like Facebook groups & websites to predict possible university names which can make the university searching easier for candidates.

## **PROFESSIONAL DEVELOPMENT/ CERTIFIED COURSES**

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CS50x: Introduction to Computer Science - Harvard University [edX]

- User Interface Design Specialization - University of Minnesota [coursera]
- A Crash Course in Data Science [coursera]
- Machine Learning Specialization by Google [coursera]

## **VOLUNTEER WORK**

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**Bangladesh Innovation Forum**

Youth social services organization

Attended seminars related to cloud computing and user experience

**Higher Study Abroad**

Social community

Maintain group such as approve posts and members in their Facebook group with 160k people as a moderator.

Organized events in offline various universities