

# Habibur Rahman Shadhin

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## PROFESSIONAL OBJECTIVE

Highly skilled Senior Software Engineer with 4+ years of experience and demonstrated expertise in software development and server administration. A fast-paced learner and enthusiast of new technologies. Capable of working on a team with people at all levels as well as working independently. Core competencies:

**Software Engineering**

**Desktop application development**

**Server Administration & DevOps**

**Web application development**

**Embedded System(IoT) Application**

**Object Oriented Analysis & Design**

## EDUCATION

**Daffodil International University** – BSc in CSE

August 2010 – May 2014 | **Result:** 3.18 out of 4.00

## EXPERIENCE

**IONEKBD** – *Team Lead*

**January 2018 – Present**

- Manage a small team, design REST API.
- Architected and design both online and offline based school management system.

**ST Solutions** – *Sr. Software Engineer*

**March 2018 – January 2019**

- Investigated, designed, and implemented infrastructure migration from managed hosting server to AWS and DigitalOcean cloud.
- Manage a small team, architected and developed customized web-based applications.

**ST Solutions** – *Software Engineer*

**December 2016 – February 2018**

- Developed various types of desktop and web-based applications, REST API.
- Deploy applications on the Cpanel and DigitalOcean cloud.

**NutBoltu Ltd.** – *Software Engineer*

**October 2015 – November 2016**

- Defined, configure, and deployed embedded and web-based applications.
- Developed a web-based application using python(Django, Flask framework).
- Make solutions using embedded computing devices(Arduino, Raspberry Pi) with python and c programming languages.

**LumexTech Solutions Ltd.** – *Web Developer*

**July 2014 – July 2015**

- Developed a web-based application using PHP. Like CRM, Inventory, POS
- Develop desktop application using C++(Qt framework).

## SKILLS

**Languages & Scripts:** Python, PHP, Bash, JavaScript, HTML, CSS, NodeJs, Go, C, C++

**Technologies & Services:** Git, Docker, Kubernetes, AWS, GC, Celery, RabbitMQ, Vagrant, Jenkins, SymmetricDS, Codeship CI/CD, ElasticSearch, Memcached,

**Editors/IDE:** PyCharm, PhpStorm, WebStorm, QT Creator, ClodeBlocks

**Frameworks:** Django, Django REST, Flask, Symfony, Laravel, Lumen, Slim, jQuery, Vuejs, SailsJs, ExpressJs, Qt, PyQT

**Database:** MySQL, PostgreSQL, MongoDB, MEMSQL, Redis, SQLite

**Collaboration:** Slack, Trello, Jira, Asana, Hangouts, Telegram

## PRODUCTS / PROJECTS

### CloudSchool

**February 2016 - Present**

Open Source [<https://github.com/hrshadhin/school-management-system>]

It's a school/college management web application using php and laravel framework.

- Designed & developed the whole application.
- Giving continuous community support on GitHub.

### Jitlam

**March 2018 - October 2018**

ST Solutions, Dhaka

An in-house project for an e-commerce product search engine. It's a microservice based web application that uses artificial intelligence and machine learning. Technologies used for this product are python, PostgreSQL, Redis, Celery, and Docker.

- Designed complete backend architecture.
- Developed REST API for mobile platforms.
- Deployed project with docker deployment.

### Smart Card Solutions

**November 2017 - October 2018**

NutBoltu Ltd., Dhaka

A complete solution for university automation. It helps to maintain students attendance, library, canteen, and bus fare using student Id card(RFID Card) in real time. Technologies used for this product are Mysql, Python(Django and flask framework), C programming language for embedded device operations.

- Designed complete backend architecture.
- Write a web module for communicating with low-level c binaries.
- Build a C SDK to communicate with RFID card and reader for python wrapper.
- Done research about to develop the whole system with the web interface and hardware assembling.