# Abu Md Sadat Hossain

Specialties: Golang, Python, Linux, Docker  
Master in Information Technology

## Education

2016-2018 (expected)

**MSc, Information Technology**; Institute of Information Technology Dhaka University (Dhaka)

*Thesis title: 12 Factor Note Application with Micro service Architecture*

2006-2010

**BSc, Electronics & Communication Engineering**; Khulna University Khulna

*Minor: Networking*

2003-2005

**HSC, Higher Secondary Certificate**; Notre Dame College Dhaka

*Major: Science*

2003

**SSC, Secondary School Certificate**; St. Gregory’s High School Dhaka

*Major: Science*

## Experience

**alpha:Cloud3 Solution**

At [Cloud3](https://facebook.com/cloud3bd) we develop Modern Cloud Native Application. We also involve in implementing Energy efficient hybrid infra-structure solution for customer’s on premise :

* Implemented a Wireless Internet Service Provider (WISP) for our client at [Homna Cable TV Network](https://www.facebook.com/homnacabletv/)

**Developer and System Admin (Contractor)**

For our IVR, Call Center and CRM for Sanofi Bangladesh Limited Patient Support Program Dhaka, my job was to deliver a CRM(Customer relationship management) for better patient management.

* Developed an API server to communicate with Patient Database with Python and PostgreSQL

**Senior Administrative Officer:Delta Life Insurance Dhaka**

Delta Life Insurance is the largest AAA rated Insurance Company of Bangladesh

* Developed the official web front for the company.

## Technical Experience

Certification

These are the official Certification I have achieved

* [TestDome Python](https://www.testdome.com/cert/2szxgref7g)
* Red Hat Certified Server Administrator
* Solar Photo Voltaic Energy Technology

Greenfield Project

These projects are taken as my Greenfield projects to demonstrate and explore different technologies

* 12 Factor Note application with Micro Service Architecture [MITnotes](https://github.com/Sadathossain/mitnotes)

Open Source

I am interested in couple of open source projects like [Kubernetes](https://kubernetes.io/)

Programming Languages

**Golang** My first choice of language is Golang which is a compiled, statically typed language in the tradition of Algol and C. I started with Golang in 2016 with 1.6

**Python** I started with Python in the late 2015 through Django. Later I have been introduced to Flask, Both of them quickly became my choice of framework for web development.

**Elixir** is a functional, concurrent, general-purpose programming language that runs on the Erlang virtual machine. I have been introduced to in the late 2016 with Phoenix. I am still learning it as my first functional language.

Basic knowledge of **C++**, **Java**, **Javascript**, **Elm**

## Activities and Interests

Sports

Cricket, Lawn Tennis and Football

Hobbies

Backpacked in Australia, Music and Drawing

Activities

I was a active member of NDSC. Won couple of prizes on campus fair.

## Other

* Human Languages:
  + Bangla (native speaker)
  + English