

# Abu Md Sadat Hossain

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

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## 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 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

### 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
- 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

**Open Source** I am interested in couple of open source projects like Kubernetes

**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** Backpacking 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