

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 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

- 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