# Abu Md Sadat Hossain

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Specialties: Golang, Python, ES6, Linux, Docker
DevOps Engineer

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## Experience

### DevOps Engineer:ImagineRadio

At ImagineRadio we associate music with moments and moments with emotions - the emotions that define us. So, we have tried to produce playlists for every moment to connect to every emotion on the spectrum:

- Implemented state of the art open source projects like React Native to develop and deliver multi-platform app to our users.
- Integrated couple of RN community libraries like admob, onesignal, sentry, firebase etc
- Written fail-over technique, ip based geo restriction and some of the core business logic.

### Commit-Timeline

- ImagineRadio(https://sadathossain.github.io/commit-timeline/imagineradio)
- ImagineRadio-Web(https://sadathossain.github.io/commit-timeline/imagineradio-web)

### 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.

## 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*

## Technical Experience

**Open Source Contribution** I am a contributing member of open source projects like Kubernetes, Cloud Native Computing Foundation

- I have been granted as attendee for KubeCon 2016, Amsterdam, organized by Cloud Native Computing Foundation, with the scholarship provided by Linux Foundation.

**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

**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