# Abu Md Sadat Hossain

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

**DevOps Engineer:ImagineRadio**

At [ImagineRadio](http://imagineradio.io/) 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](https://reactnative.dev/) 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)](https://sadathossain.github.io/commit-timeline/imagineradio)
* [ImagineRadio-Web(https://sadathossain.github.io/commit-timeline/imagineradio-web)](https://sadathossain.github.io/commit-timeline/imagineradio-web)

**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.

## 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](https://kubernetes.io/), [Cloud Native Computing Foundation](https://www.cncf.io/)

* I have been granted as attendee for [KubeCon 2016](https://www.cncf.io/blog/2016/07/05/kubecon-2016/), Amsterdam, organized by [Cloud Native Computing Foundation](https://www.cncf.io/), with the scholarship provided by [Linux Foundation](https://www.linuxfoundation.org/).

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)

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