Abu Md Sadat Hossain

Specialties: Golang, Python, ES6, Linux, Docker
DevOps Engineer
sadat.hossain@hotmail.com
+8801747367559

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