

Fahad Ahammed

DevOps + Python + Linux Enthusiast

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EXPERIENCE

Rokomari.Com, Motijheel, Dhaka — DevOps Engineer

July 2016 - PRESENT

Worked with AWS, Jira, Jenkins, Sonarqube etc. Developed a proper development flow development, stage, production and also involved in managing servers as well as developing webapps with python. Also optimizing JVM, MySQL, preparing server architecture etc. Managing some side projects developed in Python.

Freelancing, Upwork — DevOps & System Administration

January 2016 - June 2016

I worked for several clients to solve their problems regarding devops tools, servers etc.

Olysta, Guangzhou, China — Linux System Administrator(Remote)

August 2015 - December 2015

I worked for them remotely. I had to build a complete setup of their servers with several tools in it and having a proper backup solution and Active Directory system. I had to manage Mail Server too.

AppsCode/TigerWorks, Uttara, Dhaka — DevOps Engineer

February 2015 - July 2015

Worked with Docker, kubernetes, ELK, Apache Flume, PostgreSQL.

EDUCATION

University of Dhaka, Dhaka — MBA in MIS

Stamford University, Dhaka — BSC in Civil Engineering

PROJECTS

In General: I mainly play around Linux, Jenkins, AWS, Python, Docker, ELK etc regularly.

SKILLS

OS/Distribution: FreeBSD, Debian, CentOS, Ubuntu

Versioning: Git

Cloud Platform: AWS, GCP

CI: Jenkins to manage Auto Builds and other setups.

Project Management: Youtrack, Jira

Code Quality Testing: Sonarqube

Java Applications Related Tasks: TomCat and JVM tweaking, JVM Heap Analysis etc.

Database: MySQL and PostgreSQL Server Management like Replication, Tweaking etc. Also Redis.

I Love MongoDB too.

Http Server: nginx, Apache, Lighttpd

Container: LXD, Docker, FreeBSD Jail

Extras: Firewall Setup, Intelligent DDOS Prevention setup, Server Security Configurations, Monitoring Server Setup, Software RAID, DNS Servers, Mail Servers, Automated Backups etc.

Orchestration: Ansible, Docker Swarm.

DeployTank — Click, *Python Flask, Redis, MongoDB, RabbitMQ, Docker Swarm*

A project build and service monitoring dashboard. It consists of several daemons to collect and ship information to the view. Main feature of this app is about showing the issue build status, several UX test reports on every build, deployment logs and version histories.

eLogger — *Python Flask, Redis, MongoDB, RabbitMQ, Docker*

An attachable and highly modular application for logging. It is helpful for collecting logs of different applications and storing those logs. It has an interface to view the logs in preferred format.

ShareMe/RKShare — Scheduler, *Python Flask, Redis, MySQL, Docker*

A securely file sharing medium with expiry time input. Implemented with the help of JQuery and Bootstrap too.

RokyDA(Microservice) — *Python Flask, Redis, MySQL, Docker*

RokyDA is a data analysis application for Rokomari internal use. It is refactored into a microservice. Authentication with 3 step verification. Asynchronous report generation.

AutoMailer(Microservice) — *Python Flask, Redis, MySQL, Docker*

Automailer is an automatic mailing service where several events are triggered when needed for sending mails with multiple functionalities.

GetAShortURL.com: An Elegant Short Url Service — Flask

It is a short url service. This is free and built with flask. You can get stats about your shortened links.

DhakDhol(Notification Service) — *Python Flask, LXD, MySQL*

A notification application for all servers and services for different cases integrated with Jenkins for better outputs. It is a very minimalistic one.

DEVELOPMENT PRACTICES

- Agile Software Development Methodology
- Used to with Jira, Youtrack

REFERENCES

INTEREST

Log Analysis, Hadoop, Cassandra, Kubernetes, Docker, Elasticsearch, Apache Flume, MQ's, OpenStack, ELK etc

LANGUAGES

BASH, Python

VISION

I have a sound plan which I am working on for future outcomes. I want to learn specifically as deeply as possible whatever I love to do. I want to be the person which will have the specific expertise on which a large company will be able to rely on me.

MEMBERSHIP

IEB - The Institution of Engineers, Bangladesh
(Associate Member: A-16485)

PRESENTATION SKILLS

I am spontaneous on topics I feel interested about.

SOCIAL PROFILES

BLOG:
<https://fahadahammed.com>

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