DIPTA DHAR
Software Engineer

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SELF ASSESSMENT

I am a passionate programmer & possess sound knowledge of programming. I am seeking a challenging position in the software field for growth with the organization.

WORK EXPERIENCE

DevOps Engineer   Kloud Ltd.
Dec 2019 – Present

Responsibilities & Expertise:
- Planning, Developing & Deploying Web Application.
- Expert in SQL & NoSQL database.
- Debugging & Bug Fixing.
- Config LAMP/LEMP Stack.
- Troubleshooting

Technologies used:
`Python/Django` `React` `Docker` `Apache | Nginx` `PostgressSQL`

Junior Software Engineer   Biziitech
May 2019 – Nov 2019

Responsibilities & Expertise:
- Developing Web Application.
- Expert in SQL & NoSQL database.
- Expert in Shell Script.
- Troubleshooting.

Technologies used:
`Python/Django` `React` `jQuery` `HTML/SASS` `MySQL`

PROJECTS

WEBbot

WEBbot is a scale-able web crawler with Django & Celery.

Technologies used:
`Python/Django` `Celery` `RabbitMQ` `Requests` `BeautifulSoup`
`React` `HTML/CSS`

GITHUB LINK: https://github.com/rebornbd/WEBbot

SKILLS & TOOLS

Backend

Python | Django

Node.js

Java

PHP

Frontend

React

JavaScript

HTML | CSS

OTHERS

Scrapy
Celery
RabbitMQ
Redis
Linux
Bash
Git
GitHub
WordPress

IPbox

IPbox is an IP management web application. IPbox is design based on a rack server architecture. The main components are:

- Site (a site has one or many racks)
- Rack (a rack has one or many blades)
- Blade (a blade has one or many slots)
- Slot (a slot has one or many clusters)
- Cluster (a cluster has one or many VM's)
- VM

Technologies used:

`Python/Django`　`HTML`　`CSS`　`Bootstrap4`　`MySQL`

GITHUB LINK: https://github.com/rebornbd/IPbox

CINEBLIZ

Cinebliz is a live multimedia web application. Streaming media service is used as Jellyfin. And customize the Jellyfin-web Client.

Technologies used:

`Jellyfin`　`Jellyfin-web`　`Jellyfin-API`　`Nginx`

WEBSITE LINK: https://cinebliz.club

My Blog

This is a simple & Full featured Blog with Django web framework. This is design admin & regular user functionality.

Technologies used:

`Django`　`Bootstrap3`　`HTML/CSS`　`jQuery`　`MySQL`

GITHUB LINK: https://github.com/rebornbd/blog

COVID-BD API

An open API for BD Covid-19. This is also deployed on Heroku.

Technologies used:

`Django`　`Heroku`　`HTML/CSS`　`Git`

GITHUB LINK: https://github.com/rebornbd/covidbd-api

RESEARCH WORK

Automatic Question Generator (NLP)

NLP based thesis on Automatic Question Generator from text. AQG is design that takes input as text & gives as output is natural questions. AQG used python-based libs NLTK, spaCy & NumPy.

Technologies used:

`Python`　`NLTK`　`SpaCy`　`TextBlob`　`NumPy`

EDUCATION

♔ **B.Sc. Engg. in Computer Science & Engineering**
Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Gopalganj, Bangladesh.
2014-2018

AWARDS

🏆 **Champion**
Programming Contest 2017, BSMRSTU.

🏆 **Runner-up**
Programming Contest 2016, BSMRSTU.

🏆 **Champion**
Chess Master, Intra University Indoor Game.

ADDITIONAL SKILLS

Growth Mindset
Critical Analytics
Team Player
Leadership
Emotional
Intelligence

INTERESTS

Travelling
Football
Chess
Problem Solving
Artificial Intelligence

LANGUAGE

Bangla: Native

English: Professional

PERSONAL INFO

Name: Dipta Dhar
Birth Date: March 7, 1996
Marital Status: Unmarried
Blood group: B+