HASIDUL ISLAM

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Stackoverflow: Hasidul Islam

ABOUT ME

I am a software engineer with more than 2 years of experience, specializing in Python development and DevOps. I have a strong background in developing back-ends using Django REST Framework and Postgres, as well as setting up CI/CD pipelines with tools like Bitbucket Pipeline and project deployment. I am passionate about open-source contributions and have actively participated in open-source projects. I am always eager to learn and stay up-to-date with the latest industry trends and technologies.

PROFESSIONAL EXPERIENCE

Medina Tech Ltd.   *July, 2022 - Present*
Software Engineer(Level 2)

· Built back-ends in Python using **Django REST Framework and Postgres**.
· Implemented CI/CD pipeline using Bitbucket Pipeline. I also setup and maintained **AWS EC2** for Django, Node, React projects using tools like wsgi, pm2, apache.
· Working with international clients from Dubai and Germany.
· Wrote web scrapers using Python libraries like beautifulsoup and scrapy for data collection.

Medina Tech Ltd.   *August, 2021 - June, 2022*
Software Engineer(Level 1)

· Developed and maintained back-ends built using **Django, Django REST Framework, PostgreSQL, Flask, apache**.
· Got **Employ of The Quarter** for best performance.

Medina Tech Ltd.   *June, 2021 - August, 2021*
Software Engineer Intern

· Integrated a **Flask(Python)** chatbot to **Symfony(PHP)** web app.
· Wrote automation scripts to automate English to Bangla translation for in-house software and websites, saving project development time.
· **Internship experience interview.**

American International University-Bangladesh(AIUB)   *July, 2020 - October, 2022*
Teaching Assistant

· Assisted faculty members in Object-Oriented Programming 2 (C#) course.
· Acted as a Teaching Assistant for two sections with a total of 80 undergraduate students.

EDUCATION

American International University-Bangladesh (AIUB)   *2017 - 2020*
BSc in Computer Science and Engineering
GPA: 3.90/4.00

Dhaka City College   *2014 - 2016*
Higher Secondary Certificate(HSC)
GPA: 5.00/5.0

Fulgazi Model Pilot High School   *2012 - 2013*
Secondary School Certificate(SSC)
GPA: 5.00/5.00

PROJECTS

Dr.Chashi
Python, Django, Django REST Framework, Postgre

Dr. Chashi is a Digital Farming solution that enables farmers and agro stakeholders to access accurate farming knowledge and manage their farming needs. I developed the Python backend for this project, deployed it on AWS EC2, and created an internal validation tool to assess the ML component's detection accuracy. Dr. Chashi has also received government funding, highlighting its significance and potential impact in the agricultural domain.
Project Website: Dr.Chashi

slurp
Python, Scrapy, CircleCI, Markdown

This is an open-source project of a knowledge-based website. I wrote Scrapper using **Scrapy(a web-crawling framework written in Python)** for this project. Also wrote some **CircleCI** configuration for my script. Fixed documentation is written in Markdown. I also review code for this project.
Live Project: slurp **Github:** slurp

Django Starter Project
Django, Django REST Framework, Postgre

This is a project structure for building Django-based applications using Django REST Framework and Postgres with a customized exception handler and some custom commands.
Github: Django Starter Project

Content Rating System
PHP, JavaScript, HTML, CSS, MySQL

The Content Rating System is a website where the content creator can upload their content's profile to be rated. Normal users and critics rate the content. Normal users and critics can also comment on the content.
Github: Content Rating System

TECHNICAL SKILLS

Programming Languages	**Python**, **C#**, **PHP** and **C++**
Web Technologies	**HTML**, **CSS**, **Bootstrap** and **JavaScript**
Frameworks	**Django**, **Django REST Framework**, **Flask**
Databases	**MySQL**, **PostgreSQL** and **Sqlite**.
Software & Tools	**Git**, **Linux**, **Bash**, **Markdown**, **Vim**, **VS Code**, **Jira**, **Pre-Commit**,
DevOps Tools	**Bitbucket Pipeline**, **AWS**, **EC2**, **RDS**, **pm2**, **Apache**, **Ansible**

PUBLICATIONS

Data Augmentation Technique to Expand Road Dataset Using Mask RCNN and Image Inpainting

ASSR Journal Paper link | **IEEE Conference Paper Link**