HASIDUL ISLAM

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ABOUT ME

I am a software engineer with over 3 years of experience, specializing in Python development and DevOps.As a software engineer, I consider myself a flexible learn-whatever-it-takes-to-do-the-thing person. I have a strong background in developing back-ends and DevOps work related to 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

Mevrik   *August, 2023 - Present*
Software Engineer

· Build microservices in Python using technologies like **Django REST Framework, FastAPI, Postgres, Redis, Elasticsearch, Graylog, Kafka, and MongoDB**.
· Build tools for better digital customer experience for Enterprise and SAAS customers.
· This product is serving customer support needs for two of the biggest telecommunication companies in Bangladesh.

Medina Tech Ltd.   *July, 2022 - July, 2023*
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**.
· Worked 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 back-ends built using **Django, Django REST Framework, PostgreSQL, Flask, apache** and maintained the services in production.
· 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.**

EDUCATION

American International University-Bangladesh (AIUB)   *2017 - 2021*
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 - 2014*
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**
Web Technologies	**HTML**, **CSS**, **Bootstrap** and **JavaScript**
Frameworks	**Django**, **Django REST Framework**, **FastAPI**, **Flask**
Databases	**MySQL**, **Clickhouse PostgreSQL**,**Sqlite**, **MongoDB** and **Redis**
Software & Tools	**Git**, **Linux**, **Bash**, **Markdown**, **Vim**, **VS Code**, **Graylog**, **Kafka**, **Jira**, **Pre-Commit**, **Github actions**, **Bitbucket Pipeline**, **AWS**, **EC2**, **Docker**, **RDS**, **pm2**, **Nginx**, **Apache**, **Ansible**

LANGUAGES

Bengali	Native proficiency
English	Full professional proficiency
Language proficiency test	**IELTS: 7.5** (Listening: 8.5, Reading: 7.0, Writing: 6.0, Speaking: 7.5)