

HASIDUL ISLAM

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ABOUT ME

I am a software engineer with 4 years of experience, specializing in Backend development in Python 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 industry trends and technologies.

PROFESSIONAL EXPERIENCE

Mevrik

August, 2023 - March, 2025

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. (Now Genius Farms 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. (Now Genius Farms 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. (Now Genius Farms 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

Dublin Business School

2025 - 2026

MSc in Information Systems with Computing

American International University-Bangladesh (AIUB)

2017 - 2021

BSc in Computer Science and Engineering

GPA: 3.90/4.00

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)