

MD SAMIUL ISLAM

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Work Experience:

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- [01] Associate Software Engineer | Brain Station 23 LTD. May 2021 - Present
- Developing new modules, and APIs
 - Design and implement database
 - Writing queries using django_elasticsearch_dsl
- [02] Software Engineer Trainee | Brain Station 23 LTD. Jan 2021 - Apr 2021
- Received fundamental training in software engineering, web technologies.
 - Developed several new features and optimized code and processes.
- [03] Problem Setter in Toph.co Online Judge.
- Created problems for programming contests.
 - Arranged programming contests.
- [04] Trainer & Mentor.
- Played a role as a trainer at university programming bootcamps.
 - Was a mentor for grooming junior programmers.

Technical Skills:

Programming Language: Python, C/C++, JAVA.
Frameworks: Django, Django REST Framework.
Database: SQL, ORM.

Version Control: Git(GitHub, Bitbucket).
IDE/Editor: PyCharm, DataGrip, Nano.
Others: Elasticsearch, Celery, Jira.

Programming Contest Participations:

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- [01] BRACU Intra University Programming Contest, Champion-2018.
[02] IEEE Xtreme 13.0, 5th (In Bangladesh) - 2019.
[03] UITS Inter-University Programming Contest, 8th - 2019.
[04] IUB IEEE Inter-University Programming Contest, 12th - 2019.

Projects:

[01] RTT-Chemical

This is a django-rest-framework based web application. My responsibilities include, design and implement database, develop modules, and write query for elastic search.

The technology used here: Python, Django, PostgreSQL, Elasticsearch, Celery.

[02] Django based URL Shortener web application

A classical URL shortener web application that converts a long valid URL to a tiny URL. Furthermore, it can redirect previously processed URLs to its original destination.

The technology used here: Python, Django, MD5 hash

🔗 <https://github.com/samiul-bs23/url-shortener>

[03] djBlogApp | A Full Featured Blog Web Application.

This app can do CRUD operation. Users have the ability to create accounts, create posts, update posts, delete posts. Moreover, Any registered user can comment on any post and can share the posts via email as well. There is a searching option for filtering posts.

The technology used here: Python, Django, PostgreSQL.

🔗 <https://git.io/JGU3p>

Education:

BRAC University
B.Sc in Computer Science.

Jan 2017 - Jun 2021