Tahseen Rahman

Python | AWS | Git

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Skills

- **Python, Core Java, JavaScript, C, C++, HTML5**
- **Django, Vue.Js, Spark, Pandas, Flask, Redis**
- **Git, SQL, SnowFlake, AWS, Docker, Elastic Stack**

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Experience

Compile/ Software Engineer

JUL 2020 - Present, BENGALURU / REMOTE

- **Schema Web App** - Website tailored to individual customers which **shows the schema of tables present on Snowflake.**
  Solely responsible for the backend which included authorization APIs, schema generation service.
  Helped customers & internal team understanding the data available and thus making the whole process of **querying data easier and faster.**
  Technologies Used: Python, Django, Pandas, SQL, Snowflake.

- Editor tool(web) to w**rite queries based on YAML** syntax.
  These queries are compiled and then **translated to SQL queries** which in turn are executed on Snowflake for results with support for editing presets.

  Ideal for customers and the internal team aiming to **reduce time and effort by almost 50%** in writing queries.

  Technologies Used: Python, Django, SQL, Javascript.

- M**atch medical authors to US medical practitioners** in the company's database. The only information available was addresses and names and no unique identifier.
  Obtained a **precision of 95%(average) and recall of 90%(average).**
  Technologies Used: Python, Spark, Redis

- **Automated ETL pipelines** for US Healthcare datasets dealing with billions of rows at times using internal frameworks and open source frameworks such as **spark.**

Saarthi.ai / Backend Developer Intern

DEC 2018 - JAN 2020, BENGALURU / REMOTE

- Integrated Training & Prediction APIs using several Python libraries such as **boto3** for spawning **AWS EC2** instances & downloading/uploading files to **AWS S3 storage**. It resulted in ease for the AI Team and the speed of the whole process **increased by 30%**.

- **Pipeline mechanism** which consumes data from log files & generates a meaningful visualization of the raw data using **Elastic Stack** for customers & internal team, thus saving at least **$500/year**.

- Developed **Organization structure** APIs to assign/unassign certain roles and verify access for each role.

Projects

Freelance/ Full-Stack Web Developer

REMOTE

- A web application for **billing and stock management** for a restaurant. Ledger implementation with an option to export the data in CSV.

To-Do List

Source Code

- A web-based to-do list app developed using Vue.js.
- Also wrapped the application using **electron** and turned it into a desktop application.

URL Shortener

Source Code

- A web-based to-do list app developed using Vue.js.
- Also wrapped the application using **electron** and turned it into a desktop application.

Education

Indira Gandhi Institute of Technology / B.Tech(Hons.)

2016 - 2020, ODISHA

Computer Science Major: **CGPA - 7.85**