

Tahseen Rahman

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Compile Inc.

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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

Experience

Compile/ Software Engineer

JUL 2020 - Present, BENGALURU / REMOTE

- **Schema Web App**
Reflects the schema of the Snowflake tables and necessary meta information.
It is used daily by the customers and internal teams.
Sole developer and owner of the product.

Technologies Used: Python, Django, Pandas, SQL, Snowflake.
- **Internal Data ETL Pipeline Framework (L5)**
Developed the Load Part of the framework which is based on spark.
Load the transformed data files to **Snowflake** from the machines.

Technologies Used: Python, PySpark, SQL, Snowflake, S3.
- **Data Matching Algorithm**
Developed algorithms in collaboration to match medical authors' data to US medical practitioners.
The only information available was addresses and names of the authors and no unique identifier.
Result: 95% Precision, 90% Recall.

Technologies Used: Python, Spark, Redis
- **YAML to SQL Parser**
Developed in collaboration to empower customers with little or no SQL knowledge to write queries in YAML syntax and receive queries translated to SQL.

Technologies Used: Python, Django, SQL, Javascript.

Saarthi.ai / Backend Developer Intern

DEC 2018 - JAN 2020, BENGALURU / REMOTE

- **Training & Prediction Pipeline**
Solely Developed pipeline to train ML models on cloud, and use the trained model to predict results.
Technologies Used: Python, Django, AllenAI, AWS (EC2 & S3).
- **Data Analytics & Visualisation Dashboard**
Solely developed a visualisation dashboard to read data from machine logs. Result was metrics of the performance of the chatbots.
- **Org Management Tools**
Solely developed in close collaboration with Product Team, backend APIs to assign/unassign roles, assign customer tickets.

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.

Education

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

2016 - 2020, ODISHA

Computer Science Major: **CGPA - 7.85**