SAMIM AFTAB AHMED

samimaftabahmed@gmail.com | 9854577177 | Guwahati, Assam | github.com/samimaftabahmed

WORK EXPERIENCE

Software Engineer   *Shass Information and Quality Engg. Services*   October 2017 – April 2019

- Revamped the frontend and backend of a Spring Boot web application named Siqestrip, which deals with flight and hotel booking, with exclusive holiday packages.
- Introduced the ElasticSearch functionality in airport and city name suggestion, which significantly increased the throughput of the function.
- Introduced the social login functionality where users can register as well as login using their Facebook accounts.
- Implemented single page filter functionality using core JavaScript and HandlebarsJS which significantly reduced the time taken to filter the search results by executing the operation on the client side.

Android Developer, Intern   *Shass Information and Quality Engg. Services*   January 2017 – June 2017

- Developed Fishfed E-Shop, which is an e-commerce android application, where people can buy different types of fish from the Fishery department, Govt. of Assam.
- Authorization of users were done using JWT, with the backend being developed using Laravel by my teammate.

TECHNICAL SKILLS

Proficient in:
- Framework & Libraries: Spring (Boot, Config, Security, Cloud, MVC, WebFlux), HandlebarsJS
- Languages & Database: Java 8, MySQL, HTML, CSS

Familiar with: Cloudera CDH 5.13, Hadoop, MapReduce, Hive, Pig, ReactJS, JavaScript

PROJECTS

1. **Indian Trade Data Analysis**   **Technology used: Hadoop, MapReduce, Java**
   - A Java application where MapReduce is used to process the trade statistics of India with other countries.
   - The analysis is done based on Country, Year and Commodity.
   - Provides commodity-wise and yearly import and export statistics.
   - Repository Link: https://github.com/samimaftabahmed/IndianTradeData

2. **Boston Crime Data Insight**   **Technology used: Apache Hive, ChartJS, Bootstrap, JavaScript, HTML, CSS**
   - This insight has been acquired using Apache Hive, and the data being exported to CSV files.
   - The analysis of the different crime groups is done on yearly and monthly basis.
   - Data is visualized on Bar Charts using ChartJS and Bootstrap 4.
   - Demo Link: https://samimaftabahmed.github.io/BostonCrimeDataInsight

3. **Good Read Books**   **Technology used: Hadoop, MapReduce, Java**
   - A Java application where Hadoop MapReduce is used for data processing.
   - Partitioner is being used in order to segregate the records on the basis of their rating.
   - Repository Link: https://github.com/samimaftabahmed/GoodReadBooks

4. **Quiz App**   **Technology used: ReactJS, Bootstrap, JavaScript, HTML, CSS**
   - A single page web application built using ReactJS and Bootstrap 4 for responsive UI.
   - Users can play Quiz having Multiple Choice Questions.
   - Repository Link: https://github.com/samimaftabahmed/quiz-app

EDUCATIONAL QUALIFICATION

- Master of Computer Application from NERIM Group of Institutions under Dibrugarh University in 2019 with 69.76 %

ADDITIONAL EXPERIENCE

- Developed an open source project named **FareCalendarJS** using JavaScript, which generates a datepicker with the provision to display the fare underneath every date.