Rahul Thaker

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LinkedIn | Tableau

Education

K. J. Somaiya Institute of Engineering & Information Technology,   *July 2018-May 2022*
Mumbai University, India
Bachelor of Technology in Computer engineering.
CGPA: 9.07/10.00 (six semesters)

Relevant Work Experience

Teach for India   **Mumbai, India**
Software development intern   *Aug 2021- Present*
- Streamlined the data collection process and eliminated the need for excel sheets by directly connecting the salesforce database to analytics solution
- Automated the process of analysis, visualization and generating reports
- Improved the selection model by generating new insights

Saint Louis University   **Missouri, United States**
Data analyst team lead   *June 2021 - July 2021*
- Analyzed over 20 different marketing campaigns for 'Globalshala' company and eliminated the least efficient ones, saving the company ₹7500+ in advertisement costs
- Deriving insights using attributes like reach, clicks, cost per unique click etc. using Python libraries like Pandas, Numpy and visualization libraries like Matplotlib and Seaborn
- Managed a team of 5 interns and communicated the findings with stakeholders

Pingzee (ZeeQ)   **Noida, India**
Data science intern   *Sept 2020 -Jan 2021*
- Developed a real-time reporting system with the ability to recommend changes based on behavior of infrastructure
- Documented project requirements in the data security domain
- Performed Time-series data analytics of backup metadata

Semantics Solutions   **Mumbai, India**
AWS intern   *Aug 2021*
- Understood the client needs and implemented IAM roles and policies
- Created and configured VPCs based on the requirements of the solution
- Deployed solutions based on the right set of compute, storage and database services

Towards Industry 4.0   **Mumbai, India**
Summer internship by Institutions Innovation council   *June 2020*
- Mentored by international experts on various tools and technologies used by the industry

Projects

- **Neutralit -** Twitter sentiment analysis on a daily basis using the Twitter API and Python natural language processing libraries, creating visuals and reports for trending topics. The website is deployed on http://neutralit.herokuapp.com/. And built using web development frameworks like JavaScript, HTML, CSS and a Django backend

- **Result analysis -** Automates the process of analyzing semester results. Provides customized visuals and reports based on the input parameters by directly using the pdf file given by Mumbai university. Currently being used by K.J. Somaiya Institute of Engineering and Information Technology.

- **Indian Cities Clustering -** This project takes in data using Foursquare API. for the major metropolitan cities in India. It cleans and processes the data using Pandas library, applies KMeans clustering algorithm and provides visualizations showing similar cities using Matplotlib and Seaborn.

- **Portfolio website** - The website is built using Html5, CSS, JavaScript and GSAP3. It is hosted using GitHub Pages and linked to a personal domain. It is secured using SSL which adds an extra layer of encryption to prevent tampering with the oncoming traffic.

Certifications

- IBM Data science Professional (9 courses)
- IBM AI engineering Professional (6 courses)
- Visual analytics with tableau - UC davis
- Rest Apis with Flask- Udemy
- AWS technical essentials -Coursera
- Data science from top Kagglers- Coursera HSE university
- CitiBank virtual experience program with Forage - Data analyst
- ANZ bank virtual experience program with Forage- Data analyst

Technical Skills

Programming languages: Python, C++, C, SQL, HTML, Javascript
Database System: MySql, MongoDB
Python libraries: Pandas, Numpy, Matplotlib, Flask, OpenCV, TensorFlow, PyTorch, Keras, scikit-learn
Tools/Technologies**:** Tableau, Git, Postman, AWS, Heroku, Excel, Google Sheets, Jupyter notebook

Extracurricular Activities

- Currently the Chief Executive Officer of American Chemical Society at KJSIEIT 2021-22
- Publicity head of Students' Council at KJSIEIT 2019-2020
- Organizing head of Computer Society of India at KJSIEIT 2020-21
- Organized Comic-con Mumbai as a part of the cosplay management team in 2019
- Organized a competitive coding event with CodeChef having over 200 participants as a member of the coding club 'Infinite Loop' of the college
- Volunteered for the largest social media awareness program in India called 'Ekasaathe' arranged by Nurturing Lives in 2020