Rahul Thaker

Rahulthaker.com | thakerrahul16@gmail.com | LinkedIn

Education

University of Illinois Urbana Champaign	**Illinois, United States**
Masters of Science in Information Management	*Aug 2022 – May 2024*

K.J. Somaiya Institute of Engineering and Information Technology	**Mumbai, India**
Bachelor of Technology in Computer Engineering	*Aug 2018 – June 2022*

- Overall GPA - 9.3/10
- Relevant Courses – Applied Data Science, Distributed Computing, Database Management Systems, Data Structures and Algorithms, Applied Mathematics

Relevant Work Experience

Teach For India	**Mumbai, India**
Data Engineer intern	*Aug 2021- May 2022*

- Streamlined the data collection process and eliminated the need for excel sheets by directly connecting the salesforce database to the analytics solution.
- Automated the process of analysis, visualization and generating reports.
- Improved the selection model by generating new insights.

Pingzee, ZeeQ	**Noida, India**
Data analyst 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 Solution	**Mumbai, India**
AWS intern	*Aug 2021 – Sept 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.

Projects

Neutralit – Twitter Sentiment Analysis
- 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.

Statistical analysis, ETL automation and Intelligence Reporting (IEEE paper)
- Used by Teach for India for streamlining data collection and optimizing the selection process.
- Authored and presented a paper on the same at the CONIT conference by IEEE Bangalore.

Result analysis – Data Analytics Pipeline for Automation
- 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 faculty to create reports.

Technical Skills

Programming Languages	Python, C, C++, HTML, Javascript, SQL
Certifications	IBM Data science professional, IBM AI engineer
Frameworks	Pandas, Numpy, Matplotlib, Flask, OpenCV, TensorFlow, PyTorch, Keras, Scikit-learn
Tools	Tableau, Git, Postman, AWS, Heroku, Excel, Google Sheets, Jupyter notebook

Extracurricular Activities

- 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.