ANISH GAIKWAD

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EDUCATION

New Jersey Institute of Technology, United States.   **Sept 2021 - Present**
Currently Pursuing Master's Degree in Data Science.
Relevant Courses: Machine Learning, Big Data, Data Analytics with R programming, Deep Learning and Applied Statistics.

Vidyavardhini's College of Engineering and Technology, University of Mumbai, India.   **August 2015 - May 2019**
Secured a Bachelor of Engineering in Computer Engineering.
Relevant Courses: Data Structures, Analysis of Algorithms, Database Management Systems,
Web Technologies Laboratory and Machine Learning.

PROFESSIONAL EXPERIENCE

Sify Technologies Limited, Mumbai, India | *Data Engineer - Databases*   **Sept 2019 - July 2021**
Sify Technologies Limited is an Indian Company providing Information and Communications Technology services.
- Worked alongside senior software engineers and assisted them by testing software for bugs and operating speed.
- Assigned to a team of 12 software developers for a project called "Bulmex" where we planned and gathered necessary requirements to build the project.
- Developed a transaction processing system to accumulate,store,modify and retrieve data transactions using python and MySql.
- Successfully implemented the system to perform 100000 transactions at a Single Time.
- Coded complex MySql database modules by creating tables and view structures to store data for a project called "Matrix".
- Maintained the database using Procedures, Functions, Cursors and Triggers.

IXL Center Inc., Cambridge, USA | *Data Scientist Intern*   **July 2018 - August 2019**
IXL Center Inc. is a Business Consultation Company that provides consultation services to clients based on their business needs.
- Performed an intensive research on the company's services and drafted a model based on the needs of the company.
- Designed a system to simultaneously convert handwritten ideas from a poster known as "Business Opportunity Map" and store it in a csv file with 88% accuracy using OCR and PyTesseract.
- Developed an application based on data visualization using D3.js to visualize more than 100 ideas in Interactive Bubble Charts.
- Successfully programmed "Connect the Dots" that aids in ideating business plans of clients, enabling the companies to complete plans in just 5 to 20 days from the prior time of 2 to 12 months.

SKILLS
- Programming languages: Python and R
- Data Science : Machine Learning, Data Analysis, Probability, Statistics and Linear Algebra
- Libraries: Numpy, Pandas, Scikit Learn, Matplotlib, Seaborn, PyTorch
- Visualization: D3.js and Tableau
- Web Technologies: HTML , CSS and Javascript
- Databases: Sql, Data Modeling
- Essential Skills: Leadership, Problem Solving, Teamwork, Critical Thinking

ACADEMIC PROJECTS

Project Management System   **Oct 2017**
- Designed a system to serve as an online platform for communication between professors and students.
- Led the front end of the project and designed the Dashboard using HTML, CSS, JavaScript.

Transmission Control Protocol (TCP) Concurrent Server   **April 2018**
- Constructed and implemented a concurrent server capable to manage multiple clients parallelly and demonstrate the use of TCP.
- Built a TCP concurrent client and server application to reverse the given input sentence using Python and Socket Programming.

Address Resolution Protocol (ARP) Spoofing   **Oct 2018**
- Designed and Developed an ARP Spoofer in Python using Scapy to monitor packets in Network.

CERTIFICATIONS
- Python Bootcamp: Go from zero to hero in Python 3 from Udemy in 2019.
- Machine Learning A-Z: Hands on Python & R in Data Science from Udemy in 2019.
- Statistics for Data Science and Business Analysis from Udemy in 2020.
- Tableau A-Z 2020: Hands-on Tableau training for Data Science from Udemy in 2020.

EXTRA CURRICULAR ACTIVITIES
- Organized a workshop for students interested in building a career in Data Science in 2016.
- Won the Innovative Minds: Logic Building and Creativity award organized at institute level in 2017.
- Performed in a Street Play competition to spread the awareness on discrimination over Caste and Creed in 2018.