

Virti Shah

LinkedIn: virti-shah

Github: github.com/Virtiii

Email: virti1709@gmail.com

Contact: 7021980551

EDUCATION

- **Bachelor of Technology-Information Technology,Honors in Devops;CGPA: 7.46** July 2021 - June 2025
Dwarkadas J.Sanghvi College of Engineering *Mumbai, India*
- **HSC Percentage: 87.17** July 2019 - June 2021
Sardar Vallabhbhai Patel Vidyalyaya and Jr. College *Mumbai, India*
- **ICSE Percentage: 91** June 2019
RBK School *Mumbai, India*

EXPERIENCE

- Website Developer Intern at Vanaha Botanical Skin Care** March 2024-April 2024
- Optimized and managed the website to enhance user experience, increasing user-friendliness and driving online sales.
 - Developed and executed SEO strategies to boost organic traffic and improve search engine rankings.
 - Conducted keyword research and content optimization to enhance website visibility.
- Research and Promotions Intern at Evepaper** June 2024-Present
- Conduct in-depth research on assigned topics and effectively promote the website and e-Paper.
 - Collaborate with various organizations, including companies, NGOs, college societies, clubs, and independent groups.
 - Participate in group activities, providing creative suggestions, and developing strategic research and promotion plans.

PROJECTS

- SALES ANALYSIS : MySQL, Tableau [June 2024 - June 2024]** [Project Link](#)
- Conducted comprehensive sales data analysis using SQL to extract insights and trends from a large dataset.
 - Created a detailed RFM (Recency, Frequency, Monetary) analysis to segment customers based on purchasing behavior, identifying lost customers, loyal customers, potential churners, and more.
 - Developed a Tableau dashboard to visually represent the sales data, providing interactive and intuitive insights for stakeholders.
- EMAIL SPAM CLASSIFIER : Machine Learning, Python [April 2024 - May 2024]** [Project Link](#)
- Developed an email spam classifier using Gaussian Naive Bayes (GNB) and Random Forest to accurately identify and categorize emails as either spam or not spam.
 - Conducted data preprocessing, feature extraction, model training, and evaluation to ensure high accuracy and robustness in spam detection.
- RESEARCHREF : React.js, API Endpoints, API responses, Text Extraction [June 2024 - July 2024]** [Project Link](#)
- Developed a user-friendly website allowing users to upload research papers and receive summarization, conference score calculation, and identification of limitations.
 - Integrated interactive chatbot functionality to assist users with inquiries.
- TIMETABLE GENERATING SYSTEM : HTML, CSS, JAVASCRIPT, PHP [Dec 2022 - Jan 2024]** [Project Link](#)
- Developed a robust system using genetic algorithms to automate the creation of timetables for educational institutions.
 - Efficiently processed inputs such as professor/subject data,teacher-subject mappings, and classroom availability.
 - Eliminated manual work, resulting in optimized schedules with minimal conflicts and maximized student and faculty satisfaction by ensuring efficient allocation of professors, subjects, and classrooms..

RESEARCH WORK

Develop an ML and NLP-based system to automatically gather and analyze data from questions related to doubled population, with the goal of enabling statistical hypothesis testing (z-test or t-test) to determine if there are significant differences between the two populations.(Ongoing)

SKILLS SUMMARY

- **Data Analysis:** Python, SQL, Excel
- **Programming Languages:** Python, C++, SQL, C, Java
- **Web Development:** HTML, CSS, JavaScript, React.js
- **Database Tools:** MySQL, Oracle, NetBeans, GitHub
- **Data Visualization:** Tableau, Power BI, Canva
- **Soft Skills:** Time Management, Team Player, Communication

EXTRA CURRICULAR WORK

- DJS HELIOSs: Marketing Head** July 2022 - Present
- Led the marketing team for the official solar car making team of DJ Sanghvi College of Engineering.
 - Developed and implemented marketing strategies to promote the team and its projects.