

VANSH JALORA

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EDUCATION

Bachelor of Computer Engineering, Veermata Jijabai Technological Institute (VJTI), Mumbai CPI: 8.5 — Minor in Signals and Image Processing	Expected 2027
High School, RTPS, Mumbai	2021 - 2023
Matriculate School, Sanjivani International School, Mumbai	2013 - 2021

TECHNICAL SKILLS

Programming in Python, SQL, C, C++, Java, AWS Cloud Computing, Scrapy, Selenium, Beautiful Soup, Django, MongoDB, React JS, React Native, Express JS, Node JS, Open Source Development in Linux, FL Studio, Git, GitHub, API Integrations, Postman

EXPERIENCE

Intern Varietz.com Varietz.com is a startup by professionals from the retail tech industry. This platform allows shoppers to discover and compare prices of Fruits & Vegetables (F&V) with an objective to build the most price optimal cart.	Dec 2023 - May 2024 <i>Mumbai, MH</i>
<ul style="list-style-type: none">Coordinated primary research covering more than 1300 shoppers to understand their key pain points in purchasing F&V items.Supported the tech team in scraping over 10 F&V websitesSupported the tech team in development of an alpha version of the website application and an Android app for Varietz.comInvolved with the founders to test the product market fit with over 100 customers across various localities in Mumbai	

Data Analytics Intern Sciative Solutions Sciative Solutions helps companies apply artificial intelligence for finding the right prices for their products and services. My key accomplishments at Sciative include:	Jun 2023 - Aug 2023 <i>San Francisco, CA</i>
<ul style="list-style-type: none">Identified seasonal patterns in travel demand, and price sensitivity of customers in 8 key markets (comprising about 15% of the total ground passenger transportation market of India).Discovered time of day, day of week and bus operator brand preferences and willingness to pay of customers.Developed revenue maximization strategies through dynamic pricing in about 72 daily bus departures, spread across 40 different source-destinations.Onboarded 2 new clients and managed training of AI models for the dynamic pricing of their daily bus departures.Prepared and shared daily summaries of performance, and recommendations for revenue management for 5 live clients.Received the best intern award.	

PROJECTS

Competitive Programming Guide & Analyzer (CPGA) (Dec 2024)

Created a Website which displays a consolidated set of data of all Competitive Programming sites in one single Dashboard using React for the front end, React and Django for the back end, and scraping & storing all the user data from websites such as CodeForces, LeetCode, CodeChef, GeeksForGeeks using Scrapy and MongoDB. Integrating Artificial Intelligence (Using Large Language Models and Transformers) to analyze a user's programming journey and provide reasonable questions to follow.

Cost-Benefit-Analysis (CBA) for Utilization of Proxys (May 2024)

For a live client of a reputed software company, I researched, evaluated and tested different types of Residential and Data Center proxies. This CBA was carried out to give a complete picture of profitability if the Software company takes the web-scraping project from its Airline client.

Created Web Scrapers for Competition Intelligence (Mar 2024)

Used Technologies such as Scrapy, Selenium and BeautifulSoup to create website crawlers for BigBasket, Amazon, Kisan Konnect, MakeMyTrip, etc. to get data for pricing predictions. Also Stress tested various Proxy Company solutions on scraper modules to evaluate their accuracies.

Smart India Hackathon (SIH 2023) – E-Commerce platform for Lawyers (Oct 2023)

Made an E-Commerce Platform with a strong team of coders, to bridge the gap between lawyers and (potential) clients. Used FULL STACK applications such as React for the front end and managed the Database Handling with MySQL for sample data collected.

SCHOLASTIC ACHIEVEMENTS

Best Intern award at Sciative Solutions Pvt. Ltd

Solved +250 DSA Problems on LeetCode

EXTRA-CURRICULAR ACTIVITIES

- **Department Head** at the Debates and Literary Arts Association at VJTI.
Lead and organized inter-college debates, literary events, book clubs, and discussions to promote critical thinking and articulate communication.
Mentor members & juniors, providing guidance in speech delivery, argument structuring, and public speaking skills.
- **Department Head** at the Entrepreneurship Cell at VJTI.
Spearhead initiatives to foster an entrepreneurial mindset, organizing workshops, networking events, and startup collaborations.
I guide aspiring entrepreneurs with mentorship, aiding in the development of business ideas and strategies.

LEADERSHIP

- Planned and Lead themes of importance for Young Entrepreneurs. Identified, connected and collaborated with eminent experts in the industry to conduct various Guest Lectures in the Entrepreneurship Cell.
- Gathered and Collaborated various Sponsors and invited esteemed guests such as Shashi Tharoor to our College Literary Festivals.