

# Rishabh Chopda

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## EDUCATION

<b>Thakur College of Engineering &amp; Technology (University of Mumbai)</b> Bachelor of Engineering in Computer Engineering CGPI: 9.36/10	Mumbai, Maharashtra 06/2023
<b>Shri T P Bhatia College of Science</b> HSC: 65.54%	Mumbai, Maharashtra 02/2019
<b>Witty International School</b> IGCSE:81.86%	Mumbai, Maharashtra 03/2017

## PROFESSIONAL EXPERIENCE

<b>Deloitte</b> Senior Analyst	Mumbai, Maharashtra 06/2024 – Present
<ul style="list-style-type: none"><li>Automated Report Generation and Optimization: Designed and implemented robust automated report generation systems using Python. Automated the extraction, transformation, and visualization of data, resulting in a 60% reduction in report generation time. Improved data accuracy and consistency, enhancing decision-making processes for stakeholders.</li></ul>	
Analyst	06/2023 – 06/2024
<ul style="list-style-type: none"><li>Data analysis and interpretation for internal projects</li><li>Effectively communicate key findings and performance metrics to stakeholders.</li><li>Experienced in visualizing insights using Power BI.</li><li>Utilized Python (Selenium, Openpyxl, PyAutoGUI) to develop Intelligent bots and automation, consistently delivering an average time savings of 50-60% across diverse projects, contributing to enhanced operational efficiency and resource utilization.</li><li>Internal Audit (Operational Audit)</li></ul>	
Intern (Risk Advisory)	01/2023 – 04/2023
<ul style="list-style-type: none"><li>Worked on the Invoice Reconciliation project which involved developing Python programs for extracting text from Telecast Certificate PDFs having different formats, including machine-readable and image formats (used OCR), converting them to excel format, and reconciling them with the Agency Billing excel sheet</li></ul>	
<b>Bennett, Coleman &amp; Co. Ltd.</b> Intern in Business & Commercials Department	Mumbai, Maharashtra 03/2022 – 05/2022
<ul style="list-style-type: none"><li>Developed a fully functional Python-based GUI application for automatically tracking the updated ETAs at the destination ports of Newsprint consignments coming from various locations, using their BOL (Bill of Landing) numbers stored in a CSV file as input.xs</li><li>Assisted with daily administrative duties</li></ul>	
<b>INOX Leisure Limited</b> Digital Marketing Intern	Mumbai, Maharashtra 09/2021 – 12/2021
<ul style="list-style-type: none"><li>Assisted in planning, refining and executing social media marketing strategy</li><li>Provided market research, forecasts, campaign results, and consumer trends</li><li>Provided competitor analysis</li></ul>	

## ACTIVITIES AND LEADERSHIP

<b>TSDW (TCET Student Development &amp; Welfare Association)</b> Deputy Discipline Secretary	Mumbai, Maharashtra 07/2022 – 07/2023
<ul style="list-style-type: none"><li>Led and managed a team of 30+ student volunteers responsible for assisting with disciplinary matters and maintaining campus order.</li><li>Actively participated in Student Council meetings, contributing insights and recommendations on disciplinary matters</li><li>Contributed to the organization and execution of student events, ensuring they adhered to college policies and guidelines</li></ul>	
Jt. Technical Secretary	07/2021 – 07/2022
<ul style="list-style-type: none"><li>Designed a campus event website for both desktop and mobile platforms</li><li>Managed rates negotiations and budgets for events</li><li>Assisted in the PR and sponsorship activities for the events</li><li>Designed creatives for events</li></ul>	
<b>TCET ISTE (Indian Society for Technical Education)</b> Sponsorship Head	Mumbai, Maharashtra 07/2020 – 08/2020
<ul style="list-style-type: none"><li>Developed sponsorship plans &amp; strategies to maximize sponsorship opportunities for the committee</li><li>Led a team of 10 students to identify potential sponsors and then reach out to them</li><li>Crafted sponsorship proposals and negotiated and executed sponsorship agreements</li><li>Played an instrumental role in the planning and organization of various college as well as national-level technical and non-technical events</li></ul>	

## ACADEMIC PROJECTS

<b>Intelligent Voice Assistant Engineered to Assist the Visually Impaired</b>	
<ul style="list-style-type: none"><li>Built a smart wearable voice assistant using Raspberry Pi 4 that leverages IoT, computer vision, machine learning and deep learning to accommodate the needs of the visually impaired by acting as a one-stop solution to all the key challenges that they might encounter at various levels and times in day-to-day life.</li></ul>	

- Implemented the following functionalities: collision/obstacle avoidance (using ultrasonic sensors), object detection (using MobileNetSSD model), optical character recognition (using pytesseract), emergency response functionality, fruit ripeness detection (using MobileNetV2 model), voice search, weather report readout, news headlines readout, etc.

#### RAFinance

- Developed and deployed a stock screening web application using Python and Streamlit that scrapes and fetches live market data of the user-selected stocks along with their financial ratios, presents sector performance graphically and displays a list of the most traded stocks
- The application scrapes news headlines of the user-selected stocks from “Finviz” and performs sentiment analysis (using NLTK Sentiment Analysis package) on them, presenting the results in the form of a downloadable responsive graph.

#### VOLUNTEERING

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|--------------------------------------------|-----------------|
| • TCET-EWT (Extension Work Team)           | 07/2020-07/2021 |
| • RCBK (Rotaract Club of Bombay Kandivali) | 07/2020-07/2021 |
| • TEDxTCET                                 | 07/2020-09/2020 |

#### ACHIEVEMENTS

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- Stood 2nd in the “Debate-E-Darbaar” debate competition held at Thakur College of Engineering & Technology
- Received Best Presentation award in Hackanova 2022 hackathon held at Thakur College of Engineering & Technology
- Secured 1st position in Progressive India 2021 - Idea Presentation Competition held at Thakur College of Engineering & Technology
- Secured 2nd position in Multicon-W 2020 - Paper Presentation Contest held at Thakur College of Engineering & Technology
- As a member of Team Mavericks Racing, secured 3rd Place in Design Report Presentation and overall 4th rank in Formula Green Concept 2021 (Season 6) organized by ISNEE MOTORSPORTS PVT LTD

#### COURSES & CERTIFICATIONS

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- Python Data Visualization (Rice University/Coursera)
- Introduction to Data Science using Python (University of Michigan/Coursera)
- Python and Statistics for Financial Analysis (The Hong Kong University of Science and Technology/Coursera)
- Neural Networks and Deep Learning (DeepLearning.AI/Coursera)
- The Fundamentals of Digital Marketing (Google)
- Certified Ethical Hacker (EC-Council)

#### ADDITIONAL INFORMATION

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- Programming:** Python (Flask, Selenium, Tkinter, NumPy, Pandas, Scikit-learn, Matplotlib), HTML, CSS, JS, PHP, SQL, C Language
- Other tools:** Git, Selenium Tools Suite, Adobe XD, Photoshop, Canva, Microsoft Office, Google Analytics
- Languages:** Fluent in Hindi, English