

# Vedika Mishra

Phone: +91 7057799371  
Email: [vedikamishra2904@gmail.com](mailto:vedikamishra2904@gmail.com)  
LinkedIn: [linkedin.com/in/vedikamishra/](https://www.linkedin.com/in/vedikamishra/)

Data Analyst | Python | Agile Methodologies | Problem Solver | Team Player

## ACADEMIC DETAILS

Degree	Institute / University / Board	Year	Percentage
B. E. (CSE)	Lokmanya Tilak College of Engineering (Mumbai University)	2017-2021	89.67
Class XII	B.K. Birla College of Arts, Commerce and Science	2017	67.43
Class X	St. Thomas English Medium School	2015	88.80

## PROFESSIONAL EXPERIENCE

35 Months

TheSmallDataStore – Data Engineer		Jan '24 – Nov '24
Responsibilities	<ul style="list-style-type: none"><li>Built advanced web-scraping tools using <b>Python</b> to efficiently develop the Universal Item Master system</li><li>Designed the <b>database architecture</b> from scratch, creating comprehensive tables and detailed <b>ER diagrams</b></li><li>Automated the data ingestion pipeline from client stores using an <b>ELT framework</b> for efficient processing</li><li>Developed back-end code using <b>Python</b> for scripting, while securely maintaining data on <b>MongoDB</b></li><li>Automated extraction of complex product details from unstructured names, reducing manual effort</li><li>Built a real-time <b>MongoDB</b> update listener to track and backtrack missing data during high-velocity transfers</li><li>Developed a custom algorithm to classify data into categories, baskets, and industries based on custom logic</li><li>Set up and configured <b>Apache Airflow</b> to orchestrate workflows, scheduled data pipelines, and automated code execution for seamless data processing</li><li>Researched and compared pre-trained AI models for cost, ease of use, and optimization to select the best fit</li></ul>	
LTMindtree – Quality Engineer		Jun '21 – Jun '23
Details	<ul style="list-style-type: none"><li>Planned and authored detailed <b>functional test cases</b> based on <b>business requirements</b></li><li>Executed comprehensive <b>UAT test scripts</b> using <b>Azure DevOps (ADO)</b> to validate workflows</li><li>Led collaboration with <b>cross-functional teams</b> to implement solutions aligned with <b>organizational goals</b></li><li>Participated in <b>Agile ceremonies</b> including <b>daily standups</b>, <b>sprint planning</b>, and <b>retrospectives</b></li><li>Created and shared regular <b>QA status reports</b> highlighting <b>project risks</b> and <b>testing progress</b></li><li>Directed new <b>team members</b> during <b>onboarding</b>, ensuring smooth and seamless <b>knowledge transfer</b></li><li>Enhanced key workflow processes by applying <b>Agile practices</b>, achieving a <b>20% increase in efficiency</b></li><li>Maintained updated <b>traceability matrices</b> to ensure complete <b>end-to-end test coverage</b></li><li><b>Analysed</b>, reviewed, and documented progress using <b>Jira</b> and <b>Confluence</b>, identifying key areas of attention</li></ul>	
PROJECTS		
Face Mask Detection System  Lokmanya Tilak College of Engineering		Aug '20 – Mar '21
Details	<ul style="list-style-type: none"><li>Designed and implemented a real-time mask detection system using YOLOv3 and OpenCV for compliance</li><li>Built a facial recognition feature to match detected faces with profiles and send automated email alerts for violations</li><li>Created a custom dataset from Google Images and Kaggle, processed with augmentation, trained using TensorFlow</li><li>Used <b>Python</b>, <b>OpenCV</b>, <b>TensorFlow</b> to build the complete system, optimizing for accuracy and performance</li></ul>	

## AWARDS AND ACHIEVEMENTS

Certifications	<ul style="list-style-type: none"><li>Machine Learning with Python (Cognitive Class)</li><li>Fundamentals of Python (Coursera)</li></ul>	2020 2020
Extracurricular	Trained Kathak dancer, completed Level 3 certification with expertise in classical Indian dance forms	
Curricular	<ul style="list-style-type: none"><li>Graduated Rank 1 in Computer Science, recognized for outstanding performance, intellectual rigor, and dedication to excellence</li><li>Awarded Certificate of Appreciation for securing third position in Applied Chemistry-I during first year of B.E.</li><li>Awarded Certificate of Appreciation for securing third position in Applied Physics-I during first year of B.E.</li><li>Received Letter of Appreciation for securing 9.7 CGPI in Semester-5 and achieving Rank 1 in Semester-5</li></ul>	

## POSITIONS OF RESPONSIBILITY

Lokmanya Tilak College of Engineering – Technical Secretary (Zephyr)		Aug '24 - Present
<ul style="list-style-type: none"><li>Coordinated activities for the tech fest Zephyr, effectively planning and executing successful technical events</li><li>Managed the team's budget while building strong relationships, ensuring smooth operations of all events</li></ul>		