

# ISHA V SOLANKI

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## PROFESSIONAL SUMMARY

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Curious and data-driven student with hands-on experience in organizing data, building dashboards, and developing backend logic. Strong interest in business, finance, management, and marketing, supported by a solid analytical foundation and a published research background. Actively involved in academic and volunteer roles, with a passion for using data to solve real problems and support smarter business decisions.

## EDUCATION

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<b>B.Tech in Computer Science and Engineering</b> <i>Parul University, Waghodia, Vadodara</i>	2026
<b>HSC</b> , Urmi School, Sama Savli Rd., Vadodara	2022
<b>SSC</b> , Delhi Public School, Harni, Vadodara	2020

## EXPERIENCE

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<b>Data Operation and Management Intern – Photon School</b>	Vadodara, Gujarat May 2025 – June 2025
<ul style="list-style-type: none"><li>Managed and organized student data with accuracy, ensuring records were properly structured and easy to retrieve.</li><li>Updated and maintained school databases by regularly entering new information and correcting inconsistencies.</li><li>Assisted in preparing basic reports and records to support academic and administrative requirements.</li><li>Coordinated with staff for smooth data operations, helping resolve minor data issues and ensuring reliable information flow.</li></ul>	
<b>Data Analyst – Algorion</b>	Vadodara, Gujarat Sept 2024 – Dec 2024
<ul style="list-style-type: none"><li>Collected and analyzed financial, technical, and sentiment data for multiple Indian stocks using various platforms.</li><li>Generated comparative reports evaluating diverse data sources for stock market analysis.</li><li>Developed actionable insights to support investment decisions and understand market trends.</li><li>Gained experience utilizing stock screening tools and charting software.</li></ul>	

## PROJECTS

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<b>Petstagram – A Social Initiative for Vets (Final Year Project)</b>
<ul style="list-style-type: none"><li>Designed and implemented the database structure for storing user profiles, posts, likes, and pet details.</li><li>Developed backend logic to handle user authentication, posting, data retrieval, and feed generation.</li><li>Created structured reports and documentation, including feature workflow, system design, and review paper content.</li><li>Ensured smooth integration between frontend UI components and backend functionalities.</li></ul>
<b>Budget Dashboard using Google Sheets</b>
<ul style="list-style-type: none"><li>Designed an interactive budget dashboard with organized financial data, automated calculations, and clear monthly visual summaries.</li><li>Created dynamic charts and implemented formulas for cash flow, category-wise budgets, and spending insights.</li><li>Added data validation, dropdowns, and conditional formatting to ensure accuracy, usability, and clean navigation.</li></ul>
<b>Interactive Data Dashboard using Tabulae</b>

- Developed an interactive dashboard in Tabulae for real-time monitoring and decision-making using structured data from CSVs.
- Created clear visualizations—including bar/line charts and key metrics—to present insights effectively.
- Added filters and dropdowns for user-specific exploration while following best practices in data visualization.

#### **Blood Donation Behavior Prediction Using AutoML**

- Used RFMTC model to predict donor behavior.
- Applied TPOT AutoML with Logistic Regression ( $AUC = 0.7850$ ).
- Preprocessed data via stratified split and log normalization.
- Improved interpretability and prediction accuracy.

#### **EXTRACURRICULAR ACTIVITIES**

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- Coordinated and volunteered for PU DAO events, including the Bitcoin India Conference, and served as an organizer for Confederation of Indian Industry (CII) along with volunteering for Young Indians (Yi), contributing to planning, logistics, and smooth event execution.
- Earned Elite NPTEL certifications in IoT and Computer Networks, demonstrating commitment to continuous technical learning.
- Completed internationally recognized UCMAS Abacus and Mental Math programs, certified under Malaysia's global standards, achieving proficiency level and strengthening analytical thinking, numerical ability, and cognitive skills.
- Participated in national-level SOF Olympiads (Maths, Science, English), showcasing academic curiosity and competitive problem-solving.
- Participated in the Gujarat Model United Nations (GMUN), improving public speaking, teamwork, and problem-solving skills through structured discussions.

#### **ADDITIONAL**

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##### **Skills:**

Data analysis, Data cleaning, Problem-solving, Analytical thinking, Machine learning, Python programming, Data visualization and presentations, Excel functions, SQL databases, Statistical analysis, Tableau, Data formatting

##### **Research Publication:**

Published a review paper titled “A Comprehensive Review on Canine Health and Welfare: Trends, Challenges, and Technological Advancements” in the International Journal of Scientific Research and Engineering Trends (IJSRET), Volume 11, Issue 6, Nov–Dec 2025.

##### **Certifications:**

- MySQL for Data Analytics and Business Intelligence (Udemy)
- Google Data Analytics (Coursera)
- Oracle SQL (Great Learning)
- SQL Project for Beginners (Great Learning)
- Computer Network (NPTEL)
- Internet Of Things (NPTEL)