

# ABHIJAY KUMAR SHAH

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## Education

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|--|---|
| <b>Vellore Institute of Technology</b><br>B.Tech in Computer Science & Engineering | <b>Jul 2026 (Expected)</b><br>CGPA: 8.44 / 10.0 |
| <b>DAV Public School, Dudhichua</b><br>Senior Secondary (Class XII)                | <b>2019–2021</b><br>CGPA: 9.20 / 10.0           |
| <b>DAV Public School, Surya Vihar</b><br>Secondary (Class X)                       | <b>2018–2019</b><br>CGPA: 9.85 / 10.0           |

## Technical Skills

**Data Analysis & Excel:** Pivot Tables, VLOOKUP, INDEX-MATCH, Power Query, Google Sheets (QUERY Function), ETL  
**Python ecosystem:** Pandas, NumPy, OpenPyXL, Jupyter Notebooks, Data Cleaning & Preprocessing  
**SQL & Databases:** PostgreSQL, MySQL, Complex JOINS, Window Functions, Aggregations, Normalization  
**Visualization & Tools:** Power BI, Excel Dashboards, Chart.js, Git/GitHub, Postman (API Testing)

## Projects

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|---|------------------------|
| <b>Excel Superstore Sales Dashboard</b> — <i>Advanced Excel, Pivot Tables, Slicers</i><br>– Analyzed 10K+ sales rows using advanced Excel functions including <b>VLOOKUP, HLOOKUP, &amp; Pivot Tables</b> .<br>– Identified a <b>35% profit variance</b> across different categories and regions, enabling targeted strategic adjustments.<br>– Performed rigorous data cleaning (duplicate removal) and built interactive dashboards with dynamic slicers. | <a href="#">[Link]</a> |
| <b>Google Sheets Marketing ROI Tracker</b> — <i>Google Sheets, Apps Script, QUERY</i><br>– Consolidated cross-platform campaign data using <b>IMPORTRANGE</b> and complex <b>QUERY functions</b> .<br>– Uncovered insights showing a <b>28% higher ROI</b> from email marketing compared to social media channels.<br>– Implemented <b>Apps Script automation</b> to fetch live data, ensuring real-time dashboard updates.                                 | <a href="#">[Link]</a> |
| <b>Python HR Churn Analysis</b> — <i>Python, Pandas, OpenPyXL</i><br>– Built a data pipeline using <b>Pandas</b> to merge and pivot over 15K employee records for attrition analysis.<br>– Provided segment-based insights that highlighted areas for a potential <b>25% reduction</b> in attrition risk.<br>– Automated the reporting process by exporting processed data directly to Excel dashboards using <b>OpenPyXL</b> .                             | <a href="#">[Link]</a> |
| <b>Retail Sales Automation Pipeline</b> — <i>Python, ETL, Automation</i><br>– Developed Python scripts to automate repetitive Excel/Sheets workflows, replacing manual data entry.<br>– Achieved <b>80% faster data processing</b> speeds compared to previous manual Excel methods.<br>– Utilized efficient <b>Pandas merging</b> techniques to simulate and speed up complex VLOOKUP operations.  | <a href="#">[Link]</a> |

## Leadership / Achievements

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|--|---|
| <b>CatCatchCode</b><br>Founder & Technical Lead — Data-Driven Ed-Tech<br>– Founded an ed-tech platform and led a team to build interactive <b>learning dashboards using Chart.js</b> .<br>– Analyzed viewer engagement metrics to curate 100+ technical modules, optimizing the content strategy based on data insights.<br>– Managed the data pipeline for student progress tracking, directly impacting the learning path of 100+ peers.                         | <b>Jul 2025 – Present</b><br>VIT Bhopal |
| <b>Satsang Vachan Satsang Seva</b><br>Co-Founder & Project Lead — Digital Preservation<br>– Spearheading the digitization of <b>50+ years of archival data</b> , ensuring accessibility for a global community of 200M+.<br>– Implemented <b>AI-assisted summarization workflows</b> to transform unstructured text data into structured visual assets.<br>– Designed a scalable data repository system to handle large volumes of multimedia content efficiently. | <b>Sept 2025 – Present</b><br>Remote    |

## Certifications

**Python Essentials** (VIT ) — May 2024 [\[Link\]](#)  
**Excel Essential Training** (LinkedIn Learning) — Feb 2023 [\[Link\]](#)  
**Python Quick Start** (LinkedIn Learning) — Jan 2023 [\[Link\]](#)  
**MERN Full Stack Certificate** — Apr 2025 [\[Link\]](#)