

# ABHIJAY KUMAR SHAH

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## Education

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

### Excel Superstore Sales Dashboard — Advanced Excel, Pivot Tables, Slicers

[Link]

- Analyzed 10K+ sales rows using advanced Excel functions including **VLOOKUP, HLOOKUP, & Pivot Tables**.
- Identified a **35% profit variance** across different categories and regions, enabling targeted strategic adjustments.
- Performed rigorous data cleaning (duplicate removal) and built interactive dashboards with dynamic slicers.

### Google Sheets Marketing ROI Tracker — Google Sheets, Apps Script, QUERY

[Link]

- Consolidated cross-platform campaign data using **IMPORTRANGE** and complex **QUERY functions**.
- Uncovered insights showing a **28% higher ROI** from email marketing compared to social media channels.
- Implemented **Apps Script automation** to fetch live data, ensuring real-time dashboard updates.

### Python HR Churn Analysis — Python, Pandas, OpenPyXL

[Link]

- Built a data pipeline using **Pandas** to merge and pivot over 15K employee records for attrition analysis.
- Provided segment-based insights that highlighted areas for a potential **25% reduction** in attrition risk.
- Automated the reporting process by exporting processed data directly to Excel dashboards using **OpenPyXL**.

### Retail Sales Automation Pipeline — Python, ETL, Automation

[Link]

- Developed Python scripts to automate repetitive Excel/Sheets workflows, replacing manual data entry.
- Achieved **80% faster data processing** speeds compared to previous manual Excel methods.
- Utilized efficient **Pandas merging** techniques to simulate and speed up complex VLOOKUP operations.

## Leadership / Achievements

### CatCatchCode

Jul 2025 – Present

VIT Bhopal

Founder & Technical Lead — Data-Driven Ed-Tech

- Founded an ed-tech platform and led a team to build interactive **learning dashboards using Chart.js**.
- Analyzed viewer engagement metrics to curate 100+ technical modules, optimizing the content strategy based on data insights.
- Managed the data pipeline for student progress tracking, directly impacting the learning path of 100+ peers.

### Satsang Vachan Satsang Seva

Sept 2025 – Present

Remote

Co-Founder & Project Lead — Digital Preservation

- Spearheading the digitization of **50+ years of archival data**, ensuring accessibility for a global community of 200M+.
- Implemented **AI-assisted summarization workflows** to transform unstructured text data into structured visual assets.
- Designed a scalable data repository system to handle large volumes of multimedia content efficiently.

## 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]