

# MANAS DWIVEDI

Jabalpur, Madhya Pradesh

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## EDUCATION

### Vellore Institute of Technology

B.Tech in Computer Science and Engineering — CGPA: 8.44

2022–2026

Bhopal

### Maharishi Vidya Mandir

Class XII — 85.2%

2021–2022

Jabalpur

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- Object-Oriented Programming (Java)
- Operating System
- Computer Networks

## PROJECTS

### COVID-19 Trend Analysis and Prediction

↗ Python, Tableau August 2025

- Conducted COVID-19 data analysis and forecasting using Python (pandas, seaborn, plotly).
- Built interactive Tableau dashboards for visualization of case trends, recoveries, deaths, and vaccinations.
- Delivered actionable insights to support data-driven decisions and public health strategies.

### Bank Loan Data Analysis

↗ MS Excel, MS SQL, Tableau Jan 2025

- Developed a comprehensive loan data analysis and visualization project using MS SQL for ETL processes and Tableau for building interactive dashboards.
- Designed and implemented 3 key dashboards: **Summary** (featuring KPIs), **Charts** (loan trends and regional analysis), and **Details** (granular portfolio-level data).
- Delivered actionable insights through dynamic visualizations, empowering data-driven decision-making on loan performance and borrower behavior.

### HR Metrics and Predictive Analytics

↗ Power BI, DAX, Power Query May 2025

- Designed an interactive Power BI dashboard with 8+ visuals analyzing employee satisfaction, salary, and departments.
- Cleaned and transformed 300+ records with Power Query; created KPIs using DAX for workforce insights.

## EXPERIENCE

### SV Code Tech Solutions

Java Intern

Dec 2024 - Jan 2025

- \* Built Java applications (Library System, Banking System, To-Do App) using OOP concepts in VS Code.
- \* Developed robust Java projects by leveraging collections, exception handling, and modular design to build efficient and scalable systems.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, SQL

**Tools:** IntelliJ IDEA, VS Code, Jupyter Notebook

**Data Analytics & BI:** Power BI, Tableau, MS Excel, Python (Pandas, NumPy, Matplotlib, Seaborn)

**Database Technologies:** MS SQL Server

**Soft Skills:** Problem-solving, Communication, Adaptability

## CERTIFICATIONS & ACHIEVEMENTS

- Cisco – Data Analytics Essentials
- Simplilearn Power BI Certified
- HackerRank – SQL Certificate
- Generative AI for All
- NPTEL – Marketing Analytics

## Extracurricular Activities

### Volunteer, DAY Foundation (BHTDAY Welfare Foundation)

Supported education and welfare projects for underprivileged communities in Jabalpur and Indore

Sep 2025-Present