

DHRUV GUPTA

Gwalior, M.P

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Education

Institute of Technology & Management (ITM), Gwalior

September 2022 – May 2025

Bachelor of Computer Applications

Senior Secondary Education (Class 12th)

Grad. May 2021

PCM | Cum. Per: 91.4%

Secondary Education (Class 10th)

Grad. May 2019

Cum. Per: 91.2%

Relevant Coursework

- Data Structures
- Database Management
- Internet Technology
- Computer Architecture
- Algorithms Analysis
- Computer Networks
- Operating System

Projects

Census Data Analysis | *Python, NumPy, Pandas, Matplotlib, Jupyter Notebook*

May 2024

- Analyzed the Census of India dataset to draw insights on literacy rates and health-related statistics across states.
- Utilized Python libraries like NumPy and Pandas for data wrangling and statistical computations.
- Visualized data trends and patterns using Matplotlib, enhancing interpretability through clear graphs and charts.
- Strengthened analytical and presentation skills while deriving actionable insights from large datasets.

Personal Finance Tracker | *PHP, MYSQL, BOOTSTRAP*

October 2024

- Built a full-stack application with secure authentication and CRUD features for managing and categorizing expenses.
- Integrated Chart.js for visualizing spending patterns and automated reports, improving financial awareness for over 100 users.
- Designed scalable MySQL database handling 1,000+ transactions/user with responsive UI and 99% successful cross-browser usage.

Technical Skills

Languages: Python, Java, C++, C, HTML/CSS, SQL, MYSQL, PHP

Developer Tools: VS Code, Jupyter Notebook, Sublime text

Frameworks/Libraries: NumPy, Pandas, Matplotlib, Tableau

Concepts: Object-Oriented Programming (OOPS), Data Structures, Algorithms

Other Skills: Database Management, Video Editing, Video Shooting, Content Creation

Leadership / Extracurricular

Founder, Technology and Coding Community

2024 – Present

Self-Initiated

- * Created and managed a community of over 600 technology enthusiasts passionate about coding and development.
- * Collaborated with friends to guide juniors by sharing free, high-quality learning resources for technical and personal growth.
- * Organized interactive sessions and workshops to nurture technical skills and promote peer learning.

Organizing Head, UniFest Competitions

May 2024

ITM University, Gwalior

- * Led the planning and execution of multiple competitions and events during UniFest, coordinating a team and managing logistics to ensure smooth operations and a vibrant festival atmosphere.
- * Oversaw event scheduling, team assignments and facilitating high student participation and engagement throughout the fest.

Certifications

- **Digital Productivity (Microsoft/NSDC/AISECT), Feb 2023.**
- **Employability Skills (Microsoft/NSDC/AISECT), Feb 2023.**
- **Participated in Code Marathon (Start-up Idea), Nov 2022.**