

# Shivam Sikarwar

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**Summary** — Computer Science student skilled in Python, Java, SQL, and web development, with a focus on building user-friendly applications and ML-based solutions. Passionate about software development, frontend technologies, and solving real-world problems with AI/ML.

## Skills

- Languages: Python, Java, SQL
- Tools: Git, VS Code, FastAPI, Streamlit
- Key Skills: Frontend Development, AI/ML,
- Problem Solving
- Frameworks: Swing, Bootstrap
- Databases: MySQL, SQLite

## Experience

### C Programming & DSA with Java Intern

May 2025 – July 2025

Learn and Build (LnB) (Remote)

- Created a **Sorting Visualizer Tool** in Java using **Swing**, showcasing algorithms like Bubble, Merge, Quick Sort through animated visuals, the **MVC pattern** and integrated **event handling**, **dynamic UI rendering**, and optimization techniques.
- Developed strong logic-building, debugging, and algorithmic thinking skills applicable to real-world software engineering challenges
- Enhanced user understanding of sorting algorithms by providing real-time visual feedback.

### Web Development Intern

May 2025 – June 2025

VaultofCode (Remote)

- Built responsive and user-friendly web interfaces following modern UI/UX principles.
- Gained hands-on experience with web design tools and version control using **Git & GitHub**.
- Collaborated with mentors to debug, optimize, and deploy components of mini projects.
- Learned to apply **problem-solving** and **logical thinking** in frontend development workflows.
- Strengthened understanding of the **MVC pattern** and frontend integration techniques.

## Education

### ITM University

Bachelor Computer Science and Engineering

Gwalior, Mathiya Predehs, 474005

### Certifications

- **Web Development Training Program** – VaultofCodes (in partnership with Google for Education) May 2025
- **C Programming and DSA with Java** – Learn and Build July 2025
- **Python for Data Science** – Infosys Springboard August 2025
- **Introduction to Artificial Intelligence** – Infosys Springboard July 2025
- **IT for Business Success** – HP LIFE (HP Foundation) July 2025

## Projects

### Sorting Visualizer (Java, Swing)

May 2025 - June 2025

- Created a GUI-based Java application to visualize sorting algorithms step-by-step.
- Implemented algorithms like Bubble Sort, Selection Sort, and Insertion Sort.
- Tech Stack: Java, Swing, JDBC.

### Sales Prediction App (Machine Learning)

June 2025 - July 2025

- Developed a machine learning-based web application to forecast company sales using **Linear Regression**.
- Tech Stack: Python, scikit-learn, Streamlit, FastAPI, Pandas, Matplotlib.
- Built a complete ML pipeline from data cleaning to model evaluation and frontend deployment.

### AI Chatbot(Mini Project)

Aug 2025 - Present

- Built a rule-based chatbot prototype using Python basics and logic structures.
- Applied core principles learned during **Introduction to AI** course by Infosys.