



Disha Patidar

Roll No. 231047

B.Tech. -Information Technology

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Summary

I am a dedicated pre-final-year Computer Science student at Shri Govindram Seksaria Institute of Technology and Science, Indore, with a strong passion for software development, data structures and algorithms, web development, machine learning, and data science. I am actively seeking a software engineering internship where I can apply my problem-solving skills, deepen my technical knowledge, and contribute effectively to collaborative team projects.

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B. Tech	Shri Govindram Seksaria Institute of Technology and Science	8.02 (Current)	2024-Present
Senior Secondary	CBSE Board	86.2%	2021
Secondary	CBSE Board	89.2%	2019

Projects

Wanderlust – Full-Stack Travel Booking Website

Project Description:

Project link: <https://project1-si0v.onrender.com/listings>

Developed **Wanderlust**, a comprehensive full-stack web application inspired by Airbnb, designed to facilitate seamless travel accommodation bookings. The platform allows users to explore, book, and manage unique stays worldwide with an intuitive and user-friendly interface. Key features include user authentication, property listings with detailed descriptions and photos, advanced search and filtering options, maps for location. Built using modern technologies such as Node.js and Express for the backend, and MongoDB for the database, ensuring a scalable and responsive experience. This project demonstrates expertise in full-stack development, RESTful API design, and deployment best practices.

Conway's Game of Life – Cellular Automaton Simulation

Project Description:

Developed an interactive simulation of **Conway's Game of Life**, a zero-player game that demonstrates how complex patterns can emerge from simple rules. Implemented using HTML, CSS, and JavaScript .the project visualizes the evolution of cells on a 2D grid based on four basic rules governing birth, survival, and death. Users can customize the grid, set initial conditions, and observe generations in real-time. This project showcases skills in algorithm design, DOM manipulation (or graphical rendering), and dynamic UI updates.

Technical Skills

- Programming: C/C++, Python*, JavaScript*
- Database Management: MySQL, MongoDB*
- Development: React.js, Node.js*, Express.js*
- Miscellaneous: Git, Flask*

Key courses taken

- Computer Science: Algorithms and Data Structures (Theory & Lab), Design and Analysis of Algorithms, Digital Design, Computer Architecture and Organization,
- NPTEL: Python for Data Science