# SHUBHANKAR DESHMUKH

ssrdeshmukh@gmail.com | LinkedIn | GitHub | LeetCode | GFG | Portfolio

## EDUCATION

**Dr. D. Y. Patil Institute of Engineering, Management and Research (SPPU)** | Computer Engineering | 2021 – 2025 | 8.80 (7th Sem)

**Noble Junior College (SPPU)** | 12th | MSBSHSE | 2021

## EXPERIENCE

**Web Development Intern at Shriyash Clinic** | Dec, 2023 - Jan, 2024
- Engineered a **high-performance clinic management system** for a **local clinic in Akurdi, Pune**, ensuring **99% uptime** and seamlessly handling **10+ daily appointments**, enhancing patient experience.
- Optimized **Node.js, Express.js, and MongoDB backend**, achieving **90% code efficiency** and **40% faster response times**, streamlining clinic operations.

## PROJECTS

**End to End Clinic Management System |** GitHub Repository
- Established a comprehensive management system to handle appointments, reducing manual effort by **50%** through **automated appointment** scheduling and showing its **online presence**.
- Technologies - HTML, CSS, Javascript, **Node.js**, **Express.js**, **MongoDB**(500+ lines of code, **optimizing 90% of clinic operations**).

**Food Tourism Platform |** Hosted Link | GitHub Repository
- Innovated a web application promoting food tourism by showcasing top destinations, restaurants, and local delicacies.
- Technologies - HTML, CSS, Javascript, **Node.js**, **Express.js** (improving user engagement by 30%).

**File Compression Tool Using Huffman Coding |** Github Repository
- Developed a **file compression** tool in **Java** using Huffman Encoding, reducing file size by up to **50%**.
- Implemented decompression to restore original content with **100%** accuracy.
- Optimized performance and storage efficiency, reducing processing time.

**Sudoku Solver using Backtracking |** GitHub Repository
- Built a **Java**-based Sudoku solver implementing the **backtracking algorithm** to solve puzzles with **100% accuracy**, handling grids up to 9x9 effortlessly.

## SKILLS

- Languages: Java, Python(Basic)
- Web Development: HTML, CSS, Bootstrap, Javascript, Node.js, Express.js
- Developer Tools: Visual Studio Code, Git, GitHub, Jupyter Notebooks
- Databases: MySQL, MongoDB
- Coursework: Data Structures and Algorithms, OOPS (Object Oriented Programming), Operating Systems, Database Management, Computer Networks

## CERTIFICATES

Java Full Stack Development -  **ExCelr**, 2025 (Ongoing)
Data Structures and Algorithms in JAVA - **Apna College**, 2023-24
SQL (Basic) | SQL Fundamentals certificate - **HackerRank**, 2024
Basics of Python | Python (Basics) certificate  - **Infosys Springboard**, 2022

## ACHIEVEMENTS

- Participated in multiple hackathons including **Flipkart Grid 6.0** and **Adobe GenSolve** Hackathons
- Solved **150+** coding questions on **LeetCode**, sharpening **reasoning abilities** and **algorithmic** understanding.