

# JAGJEET SONWALKAR

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## PROFESSIONAL SUMMARY

Seeking a responsible position in an organization, which gives me a chance to improve knowledge, enhance my skills and enable me to strive towards the overall development of the organization.

## EDUCATION

<b>Bachelor of Technology in Computer Science and Engineering</b> MIT College of Railway Engineering and Research, Barshi	June 2025 CGPA: 8.5/10.0
<b>Higher Secondary Certificate (HSC) - General Science</b> Arya Chanakya Prathamik Vidyalaya College, Dharashiv	August 2021 Percentage: 83%
<b>Secondary School Certificate (SSC)</b> Unique Public School, Bidar	April 2021 Percentage: 75.52%

## TECHNICAL SKILLS

**Programming Languages:** Python

**Python Libraries:** NumPy, Pandas

**Databases:** MySQL

**Developer Tools:** Git/GitHub, VS Code, PyCharm, Postman

**Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming, Clean Code Principles, Problem Solving, Agile Methodologies

## TECHNICAL PROJECTS

### **Quick Pack | [LINK](#)**

- Technology: Python, File Handling, Directory Traversal, Compression, Command-Line Interface (CLI).
- Developed a Python-based file Packer & Unpacker tool, Quick-Pack, to combine multiple files into a single packed file and extract them when needed.
- Implemented encryption and decryption techniques to enhance data security during packing and unpacking.
- Added support for packing multiple file types such as text, images, audio, and source code files.
- Added password-based authentication before performing unpacking operations.

### **Smart Chat | [LINK](#)**

- Technology: Python, Socket Programming, File Handling, Command-Line Interface (CLI).
- Built a Python-based chat messenger, Smart-Chat, that enables real-time communication between two users.
- Designed a clear send-and-receive workflow to ensure smooth and reliable message delivery.
- Created structured Client and Server programs for better organization and easy maintenance.
- Maintained a chat log file to store all conversation details for record and review.

## TECHNICAL HIGHLIGHTS

- Proficient in Python, with basic knowledge of C, C++, and Java programming languages.
- Hands-on experience in application development using Python, C, C++, and Java
- Familiar with NumPy & Pandas libraries in Python.
- Basic knowledge of file automation using Python, including reading, writing, renaming, and organizing files.
- Strong foundation in algorithm design and data structure, with practical problem-solving experience.
- Strong analytical, logical, and problem-solving skills, demonstrated through coding challenges and project work.