

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

Bachelor of Technology in Computer Science and Engineering

MIT College of Railway Engineering and Research, Barshi

June 2025

CGPA: 8.5/10.0

Higher Secondary Certificate (HSC) - General Science

Arya Chanakya Prathamik Vidyalaya College, Dharashiv

August 2021

Percentage: 83%

Secondary School Certificate (SSC)

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.