

# SHRAVANI DIPAK SAWANT

[shravanisawant.work@gmail.com](mailto:shravanisawant.work@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | +91 7218938777

Vellore, Tamil Nadu, India



## SUMMARY:

A Computer Science professional with expertise in AI-driven solutions, Blockchain Architecture, and Full-Stack Development. Experienced in building intelligent systems using advanced algorithms and modern technologies to create scalable, efficient solutions. Strong background in Data Structures, Algorithms, Operating Systems, and Database Management, focused on developing practical and effective technology solutions.

## EDUCATION & QUALIFICATION:

- **Masters in Technology (Computer Science and Engineering)** (CGPA: 9.11) *August 2024 - Present*  
Vellore Institute of Technology, Vellore, Tamil Nadu.
- **Bachelor of Engineering (Computer Engineering)** (CGPA: 8.76) *August 2020 – June 2024*  
K.C. College of Engineering, Management Studies and Research, Thane, Maharashtra.

## EXPERIENCE

- **Google Android Developer Virtual Intern - AICTE** *January 2024 - March 2024*  
Executed Android development tasks, implementing modern app architectures and best coding practices, enhancing code efficiency by 30% - 50%.
- **Freelance Web Developer for ValleyWines, New York** *August 2022 - February 2023*  
Engineered an interactive company dashboard for internal operations, streamlining data management and optimizing workflow efficiency by 35%.
- **Python and Web Development Intern – Sahu Technologies, Mumbai** *August 2022 - September 2022*  
Developed 4+ web applications leveraging Python, HTML, CSS, and JavaScript, streamlining business operations and reducing load time by 40%.

## PROJECTS:

- **MemoLog – High Performance Diary System** *December 2024 - Present*  
Spearheaded the development of MemoLog, implementing sophisticated data architecture and robust filesystem operations that facilitated a 50% enhancement in retrieval efficiency while ensuring stringent security compliance
- **Traffi-Guard - Intelligent Traffic Routing using AI** *November- Present*  
Implemented an AI-driven traffic optimization system that analyzes real-time congestion data, reducing travel time by up to 30% and enhancing route efficiency for urban commuters.
- **Blockchain Identity Verification System** *July 2023 -March 2024*  
Created a decentralized identity solution with tamper-resistant verification, ensuring secure and efficient digital identity management while maintaining 99.9% system uptime.
- **Context-Aware NLP Dictionary** *August 2023 -October 2023*  
Optimized a keyword extraction system leveraging NLP and Big Data, reaching 91% accuracy in identifying key lecture terms.

## ACHIEVEMENTS:

- **ICSTEMSD 2024 - 2nd Edition** *February 2024*  
Secured 1st position in Paper Presentation Competition at “International Conference on Science Technology Engineering & Mathematics for Sustainable Development” in Mumbai, India.

## SKILLS

- Programming Languages: C, C++, Python, JavaScript, HTML, CSS
- Frontend Development: React.js, Tailwind CSS
- Fundamentals: DSA, OS, DBMS, Blockchain.
- Operating Systems: Windows, Linux.
- Version Control & DevOps: Git, GitHub, Docker

## CERTIFICATIONS:

- Programming Essentials in Python, Cybersecurity Basics.

## EXTRACURRICULAR:

- **Web Dev Core Member, Entrepreneurship Cell (E-Cell)** *March 2022 – Present*  
Crafted intuitive navigation systems for E-Cell platforms, yielding measurable engagement gains with 4-minute longer user sessions.
- **Core Member, National Service Scheme (NSS)** *July 2021- May 2023*  
Served as the Documentation Head and Core Member of NSS, actively contributing to key decision-making within the inner circle. Managed and streamlined documentation processes, improving record accuracy by 40%-60%

## LANGUAGES:

English, Marathi, Hindi.