

# SHRAVANI DIPAK SAWANT

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

Vellore, Tamil Nadu, India



## SUMMARY:

Computer Science Engineer with a CGPA of 9.11 with expertise in AI-driven development, Blockchain, and Full-Stack Development. Proficient in C, C++, Python, JavaScript, and adept at DSA, OS, and DBMS. Led AI-powered traffic optimization and blockchain identity verification, boosting efficiency by 30% and ensuring 99.9% uptime. ICSTEMSD 2024 winner for research in sustainable tech. Experienced in high-performance web platforms and system optimization, with hands-on skills in React.js, Docker, and Git.

## 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*  
Implemented Android architecture and integrated industry-standard coding practices, elevating code efficiency by 50% and accelerating app performance.
- **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*  
Built and optimized 4+ web applications using Python, HTML, CSS, and JavaScript, reducing load times by 40% and improving overall system responsiveness.

## 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-Sensitive 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 60%

## LANGUAGES:

English, Marathi, Hindi.