

Swanand Joshi

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Enthusiastic fresher with a **Bachelor's degree in Computer Science (Honors in Artificial Intelligence and Machine Learning)**, eager to build a fast-growing career in software development. Skilled in **Python, SQL, data analysis, and full-stack development**, with a passion for learning, developing **efficient and scalable solutions**.

Technical Skills

- Python
- MySQL
- CSS
- Networking
- NumPy
- JavaScript
- Java
- OOPS Concepts
- Pandas
- HTML
- Flask
- Data Structures and Algorithm
- Git
- GitHub
- AWS
- DBMS

Education

Third Year of Computer Engineering Modern Education Society's Wadia College of Engineering, Pune	2024-25 8.95
Second Year of Computer Engineering Modern Education Society's Wadia College of Engineering, Pune	2023-24 8.23
Diploma In Computer Engineering Padmabhooshan Vasantraodada Patil Institute of Technology, Sangli	2020 - 23 88.06 %
Secondary School Certificate (SSC) City Highschool, Sangli	2019-20 89.40 %

Personal Projects

- **Voice Assistant Using Python (Frontend + Backend)**

Description: Developed a **Python-based voice assistant** with a **Flask web interface** supporting **10+ voice commands** for weather updates, jokes, Wikipedia searches, news headlines, and web navigation (Google, YouTube). Integrated **speech recognition** and **text-to-speech** for natural, real-time interaction, and connected **3+ REST APIs** for live data retrieval and content generation.

Technologies: Python, Flask, HTML, CSS, JavaScript (Speech Recognition API, Speech Synthesis), REST APIs (Weather, News, Wikipedia)

- **Version guard – Multi-file Config Tracker CLI (Python)**

Description: Built a **Python CLI tool** to track **multi-file config changes in real time (<1s delay)** with **side-by-side colored diffs**. Supported **6+ file types** (.txt, .env, .json, .yml, .md, .ini), handled errors gracefully, and maintained a **change history of 100+ events** using deque. Enhanced console output using **Rich** and efficient monitoring with **Watchdog**.

Technologies: Python, Watchdog, Rich, Deque, DiffLib

Co-curricular activities

- **Python Development Internship** **Cognifyz Technologies (Jan,2025 – Feb,2025)**
Concluded a hands-on Python internship, working on practical projects and developing problem-solving, coding, and software development skills.
- **Industrial Training** **Domain Computer Education, Sangli (Jul, 2022 – Aug,2022)**
Completed industrial training on Amazon Web Services (AWS) and Microsoft Cloud Services at Domain Computer Education, gaining hands-on experience in cloud computing technologies and their applications.
- Secured Certificate of Completion for Complete **Python bootcamp course**.
- Participated in **Web Development Bootcamp Workshop** hosted by Code storm club.
- The **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate**.

Soft Skills
Languages
Interests

: Problem solving, Leadership, Adaptability, Teamwork, Self-Motivated, Quick Learner
: English, Marathi, Hindi
: Photography, Travelling