

SANKET VITTHALRAO KALE

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[GitHub](#) | [LinkedIn](#) | [LeetCode](#)

Objective

Self-motivated individual seeking opportunities to gain hands-on experience and apply my programming and problem-solving skills in real-world projects. Eager to expand my knowledge in software development, data science, and emerging technologies.

Education

Walchand Institute of Technology, Solapur | B.Tech in CSE | 3rd Year | CGPA: 9.73 (as of IV Semester)

Class 10th | ST John's School ,Allipur | 2020 | 95.2 %

Class 12th | Kids Mentor Global School , Nagpur | 72.67%

Skills

Programming Languages: C | Python | Java

Core Concepts: Data Structures & Algorithms, OOPS , Databases

Soft Skills: Communication, Teamwork, Leadership, Quick Learning

Projects

• Optimizing Traffic Light Timer

- Analyzed traffic density from surveillance footage.
- Adjusted signal timing dynamically based on density using logic.
- Reduced average waiting times and improved emergency route efficiency.

• CAPTCHA Refinement Using ML (SIH 2024 Project)

- Built an ML-based solution to refine CAPTCHA systems.
- Participated in Smart India Hackathon 2024 under "Algo Ninjas" team.
- Aimed to increase accessibility and accuracy of CAPTCHA-based verifications.

Certifications

- Python Programming – Infosys Certified
- C Programming – Intermediate

Extracurricular Activities

- Active member of Computer Society of India (CSI) | Event Management during School Gatherings

Interest

Reading | Problem Solving | Tech & Innovation