

Vivek Satish Raut

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SUMMARY

Motivated Computer Science Engineering student with strong knowledge of Data Structures, Algorithms, OOPs, DBMS, and Software Development. Skilled in Java, Python, SQL, and problem-solving with hands-on experience in developing secure and scalable applications. Familiar with web technologies, Git/GitHub, and database systems. Quick learner with strong analytical and debugging skills seeking an entry-level Software Engineer role.

EDUCATION

Bachelor of Computer Science and Engineering

Nutan College of Engineering and Research [DBATU University]

SGPA: 7.45

Talegaon, Pune

Sep. 2024 – June 2027

Diploma in Information Technology

Government Polytechnic

Aggregate: 84.95%

Amravati

Oct. 2021 – June 2024

SSC (Maharashtra State Board)

Govind New English Public School

Percentage: 97.40%

Karanja (Lad), Washim

Aug. 2020 – March 2021

SKILLS

Languages: Python, SQL, Core Java, OOPs Concepts

Core CS: Data Structures & Algorithms, OOPs, DBMS, Operating Systems

Tools: Git, GitHub, VS Code, MySQL Workbench, Linux

Database: MySQL

Frontend: HTML, CSS, JavaScript, React

PROJECTS

Secure File Transfer Tool

- Developed a secure client-server file transfer application using Python sockets and encryption techniques to ensure secure communication and data confidentiality.
- Implemented encryption and decryption for secure communication
- Developed client-server architecture for file transfer
- Ensured data confidentiality and safe transmission

Smart Attendance System (Face Recognition)

- Developed an automated attendance system using Python and OpenCV
- Implemented face detection using Haar Cascade and recognition using LBPH algorithm
- Built real-time face recognition system using webcam
- Integrated SQL database for storing student records and attendance
- Reduced manual errors and prevented proxy attendance

COURSEWORK

Data Structures & Algorithms

Object-Oriented Programming

DBMS

Operating Systems

Computer Networks

Software Engineering

ACHIEVEMENTS / ACTIVITIES

Regularly practice coding and problem solving

Participated in technical workshops and seminars

Quick learner with strong analytical thinking skills