

GHANSHYAM KANOJIYA

Palghar-401209, Maharashtra India • 7517405609 • kanojiyaghanshyam92@gmail.com

[Portfolio](#) • [Linkedin](#)

SUMMARY

Motivated Computer Science undergraduate with a strong foundation in full-stack development, object-oriented programming, and Unix/Linux environments. Skilled in Java, Python, C++, and JavaScript with experience in building real-time systems and scalable applications. Proficient in data structures, algorithms, and backend development. Eager to contribute to impactful projects and collaborate within high-performance engineering teams.

PROJECT EXPERIENCE

AI-Based Talking Robot (Raspberry Pi)

Feb 2025 - Apr 2025

- Designed a Raspberry Pi-based robot that visually simulates speech.
- Created a real-time system that detects and tracks eye movement using computer vision.
- Aimed at enhancing communication in assistive or interactive devices.

Human Violation Detection System (YOLO)

Apr 2025

- Designing a surveillance tool using YOLOv5 and audio detection to identify violation behaviors (e.g., violence, theft).
- Intended to reduce manual footage analysis and assist law enforcement.

Shyamiz(Python Based GUI Music Player Application)

Mar 2024

- Developed a desktop music player using Python and Tkinter, inspired by Spotify.
- Built a GUI-based music player using Python and Tkinter, featuring playlist controls and custom UI.
- Demonstrated use of object-oriented design and event-driven programming.

Portfolio Website

Jul 2024

- Designed and deployed a responsive personal website using HTML, CSS, and JavaScript.
- Hosted on Netlify to showcase projects, skills, and achievements.

EDUCATION

Bachelor of Science (B.Sc), Computer Science

Sheth L.U.J. College of Arts & Sir M.V. College of Science & Commerce 2023 – 2026 (Expected)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Web Development

Achievements:

- Secured 1st Position in FYCS Semester-2 Python Application Development (2023-2024)
- Secured 3rd Position in FYCS Semester-1 Python Application Development (2023-2024)
- Secured 2nd Position in Data Structure Problem-Solving Competition (2024)

TECHNICAL SKILLS

- Languages:** Java, Python, C++, JavaScript
- Frontend:** HTML5, CSS3, React.js, Responsive Design
- Backend:** Node.js, Express.js, REST APIs
- Databases:** MongoDB, MySQL
- Tools:** Git, GitHub, Postman, VS Code, Figma, Netlify, Vercel
- OS & Platforms:** Linux (Raspberry Pi OS, Ubuntu), Windows, Bash, CLI