SAHIL AMBEKAR

📍 Pune   ✉ sahil932004ssa@gmail.com   📞 +91-7745932004   in Sahil Ambekar   ⚆ Sahil-957

OBJECTIVE

Passionate Electronics and Telecommunication engineer with experience and skills in AI-driven solutions, game development, and machine learning. Seeking to leverage my technical expertise in electronics, software development, and AI technologies to contribute to innovative projects and drive impactful results in both software as well as in hardware domains.

EDUCATION

BE   **Bachelor of Engineering in ENTC [PVG'sCOET]**   Oct 2022 – May 2026

Savitribai Phule Pune University

- SGPA: 6.9/10
- **Coursework:** Digital Communication Systems, Digital Signal Processing, Micro-controller, Generative AI, Data-Analytics and more.

HSC   **Nav Krishna Valley Jr College, Class XII**   2022

- Percentage: 71 perc.
- **Coursework:** Team-Work, Presentation Skills, Communication Skills.

CBSE   **Podar International School, Class X**   2020

- Percentage: 88 perc.
- **Coursework:** Leadership, Critical Thinking, Creativity, Time-Management.

Projects

Nagrik Aur Samvidhan [SIH 2024]   github.com/Sahil-957 ↗

- Nagrik Aur Samvidhan is an innovative platform that makes learning the Indian Constitution engaging through gamified experiences. This fun approach fosters a deeper understanding of citizens' rights and responsibilities.
- Tools Used: ReactJS, MongoDB.

DuskFall [FPS Game]   github.com/Sahil-957 ↗

- DuskFall is an immersive co-op zombie horde game set where players must work together to survive waves of relentless zombies[Enemy]. DuskFall offers a balance of suspense, action, and cooperative gameplay.
- Tools Used: Unreal Engine 5.

Smart Dustbin [Dry and wet seperation]

- The Smart Dustbin automatically separates dry and wet waste, uses sensors for touchless operation, and alerts when full. IoT integration helps optimize waste collection routes, improving hygiene and efficiency in waste management.
- Tools Used: Ardino UNO, Sensor.

Technologies

Languages: C++, Python, C.

Data Analytics: NumPy, Pandas, Matplotlib, Seaborn.

Web Technologies: HTML, CSS, Bootstrap, ReactJS.

Tools: MATLAB, Proteus, uVision, MP Lab.

Certificates: [NVIDIA] Fundamentals Of Deep Learning, [Microsoft]Copilot for Productivity, MATLAB Certificates.