

YASH PATIL

Computer Engineering Student | Frontend Developer

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EDUCATION

Bachelor of Engineering in Computer Engineering

JSPM Rajarshi Shahu College of Engineering (RSCOE) 2025 – Present

- Focus: Data Structures, Web Development, C Programming.

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript **Web:** HTML5, CSS3, Responsive Design
Tools: Git, GitHub, VS Code **Interests:** AI/ML, Generative AI, Frontend Dev

PROJECTS

Focus Flow – Productivity Dashboard

HTML, CSS, Spotify API, LocalStorage

- Built a gamified dashboard combining a Pomodoro timer with drag-and-drop task management.
- Integrated Spotify API for focus music and implemented real-time analytics for user habits.

LinguaVox – Real-time Translation

JavaScript, Web Speech API

- Developed a responsive app for real-time speech-to-text and multi-language translation.
- Implemented voice synthesis features with adjustable speed controls for accessibility.

Fortress Pro – Secure Password Generator

JavaScript, Cryptography Logic

- Designed a secure password tool with real-time entropy analysis to grade password strength.
- Created a modern, theme-adaptive UI with session history logging.

CERTIFICATIONS & ACHIEVEMENTS

- **C Programming Proficiency:** Advanced coursework in pointers and memory management.

- **Generative AI:** Exploring LLM applications and prompt engineering.
- **Hackathon Participant:** Competed in college-level web innovation challenges.

LANGUAGES

English (Professional), Hindi (Native), Marathi (Native), German (Basic A1)