

# 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

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