

Rakesh Kumar Singh

Web Developer

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Education

Sahyog College of Information Technology Thane
Bachelor of Science Information Technology (Bsc IT)

2024 – pursuing

Technical Skills

Languages Developer : Python, C/C++, HTML/CSS, JavaScript, C#, MySQL, MongoDB
Tools : VS Code, Cursor, Render, Google cloud, AWS, vercel, Github, Gitlab
Libraries / Frameworks : Express, Node JS, React, Nest js, Next js

Projects

HealthLock | Node.js, Flutter, AI, QR Code

- A secure patient–doctor document sharing app where patients can share medical records via QR code.
- Maintains logs to track which doctor accessed which document.
- Integrated AI for record analysis and a medical chatbot for quick assistance.

PicShot | PHP, MySQL, Html, Css, Js, AWS

- A photo-sharing platform that prevents uploading of AI-generated images.
- Supports chat, comments, and user profiles with integrated chatbot.
- Ensures authenticity of user content.

Campus++ | Flutter (Dart), Node.js, MongoDB, Mistral AI, Gemini AI, Firebase, AR/3D

- Developed a cross-platform mobile app using Flutter (Dart) for an AI-driven campus ecosystem
- Integrated Augmented Reality (AR) to generate and visualize interactive 3D models from images
- Built an AI-based performance analytics system with student risk detection and personalized insights
- Implemented a multi-agent AI system (AI Council) for learning strategy, performance analysis, and career guidance
- Designed a mock interview system with AI voice interaction and detailed scoring
- Developed an online code IDE with multi-language support and AI-based debugging and code review
- Integrated GitHub APIs for repository management and direct code push
- Created a resume analysis feature with ATS scoring and improvement suggestions
- Added gamification features like XP, badges, and leaderboards to improve engagement

Space Beats | C#, Unity, Blender

- A rhythm-based game where players tap on planets in sync with the background music
- Music is AI-generated to enhance the immersive and futuristic experience
- Built using Unity game engine, C# for logic, and Blender for 3D modeling

Achievements

- 2X Winner – Invento Gamathon 2025 & 2026 (₹5,000 | Game Development | Team Lead)
- Winner – Techxpression Hackathon, Kalyan (₹20,000 | Backend Developer)
- Finalist – Hacknova National Level Hackathon, Dombivli (Top 5 among 70,000+ participants)
- Winner – CodeBug Hackathons, Thane (₹15,000 total prize | Backend Developer)

Language

- Hindi
- English