RASIKA RAKHEWAR

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Professional Summary

Full-Stack Developer (MERN) with strong problem-solving skills and hands-on experience building scalable web applications, REST APIs, and AI-integrated solutions. Skilled in React, Node.js, MongoDB, and Python with a solid foundation in OOP, DSA, and SDLC. Passionate about crafting clean UIs, modular backend architectures, and reliable user-focused products.

Education

Mahatma Gandhi Mission's College of Engineering   **AUG 2022 – JUL 2026 (EXPECTED)**
Nanded, Maharashtra, India
B.Tech in Computer Science and Engineering   **CGPA: 7.5/10**

Skills

- Languages: JavaScript (ES6+), Python, C
- Frontend: React.js, Redux, HTML5, CSS3, Tailwind, Bootstrap, Three.js
- Backend: Node.js, Express.js
- Database: MongoDB, MySQL
- Tools: VS Code, Cloudinary, Git, GitHub, Render
- Concepts: OOP, DSA, REST APIs, SDLC, Debugging, Agile
- Soft Skills: Communication, Team Collaboration, Adaptability

Key Projects

JSVoice Library – Web Speech API Integration for UI Automation

- Built an open-source JS library enabling voice-controlled UI actions using regex-based dynamic commands.
- Added a flexible command parser supporting parameterised phrases and browser actions like scroll and click.
- **GitHub Link:** https://github.com/VoiceUI-js/JSVoice

Blood Link – Blood Donation Management System

- Developed a MERN-based donor–doctor platform with role-based access control (RBAC) and verification workflow to ensure data privacy and accuracy.
- Created city-specific dashboards enabling doctors to manage local donors efficiently.
- Resulted in faster donor matching and improved data management.
- **Live Demo:** https://bloodlink-qmva.onrender.com/

BloomSkin – AI-Powered Skin Analyser

- Designed and implemented an AI-driven skincare analysis app using MobileNetV2 to detect acne, blackheads, whiteheads, and pigmentation with 90% accuracy.
- Built a full-stack system with React.js, Node.js, Express.js, MongoDB, Python, and FastAPI for real-time skin diagnostics.
- **Live Demo:** https://bloom-skin-frontend.onrender.com/

Experience & Leadership

- **Intel Unnati Training Program** – Specialised in AI & LLM (Large Language Model) Deployment
- **IEI Student Chapter President** – Leading and managing activities under the Institution of Engineers (India) Student Chapter
- **Delivered Workshops** – Conducted sessions for 1,000+ students on HTML, CSS, and JavaScript
- GDG

Certifications

- **Research Publication Certificate** – Published a paper on an AI-powered skincare system in the *IRJAEH Journal*
- **Infosys Springboard Certifications** – *Node.js* and *Complete Web Development & Design Course*
- **AI & ML Workshop** – Participated in hands-on training at BITS Pilani, Hyderabad
- **NPTEL Certifications** – Database Management System, The Joy of Computing using Python, Programming in Java