

# RASIKA RADHESHYAM RAKHEWAR

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## Professional Summary

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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

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MGM's College Of Engineering, Nanded, Maharashtra  
B.Tech in Computer Science and Engineering

AUG 2022 – JUL 2026 (EXPECTED)  
CGPA: 7.5/10

## Skills

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- Languages: JavaScript (ES6+), Python, Java
- Frontend: React.js, Redux, HTML5, CSS3, Tailwind, Bootstrap, Three.js
- Backend & Database: Node.js, Express.js, 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

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### 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.
- **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

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- **IEI Student Chapter President (2025)** – Leading and managing chapter activities and student engagement.
- **GDG On Campus – Web Development Head (2025)** – Driving web development initiatives and fostering a developer culture.
- **Cloud & AWS Security Experience** – Hands-on experience in cloud security and AWS services through the Employability Life training program

## Certifications

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- **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
- **NPTEL Certifications** – Database Management System, The Joy of Computing using Python, Programming in Java