

RASIKA RADHESHYAM RAKHEWAR

+91-8767742519 | rasikarakhewar30102004@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Full-Stack Software Developer with hands-on experience building scalable web applications and RESTful APIs using the MERN stack and Python-based AI services. Skilled in designing clean UIs, developing modular backends, and deploying end-to-end solutions. Strong foundation in Data Structures, OOP, SDLC, and problem-solving, with proven leadership in delivering real-world products.

Education

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

AUG 2022 - JUL 2026 (EXPECTED)
CGPA: 7.8/10

Skills

- **Languages:** JavaScript (ES6+), TypeScript, 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:** Data Structures & Algorithms, OOP, SDLC, API Design, Agile (Scrum)
- **Soft Skills:** Problem Solving, Communication, Team Collaboration, Adaptability

Projects

BloomSkin - AI-Powered Skin Analyser

- Built a full-stack AI web application using **React, Node.js, Express, MongoDB, and Python (FastAPI)** to detect skin issues with ~90% accuracy.
- Designed REST APIs for real-time image analysis with modular backend architecture and robust error handling.
- Deployed an end-to-end solution with optimized request-response flow.
- **Live Demo:** <https://bloom-skin-frontend.onrender.com/> | **GitHub Link:** [BloomSkin](#)

Blood Link - Blood Donation Management System

- Developed a role-based web platform using the **MERN stack**, enabling secure interaction between doctors and donors.
- Implemented **RBAC**, verification workflows, and city-level dashboards for efficient donor management.
- Designed scalable APIs and deployed the application for real-world use cases.
- **Live Demo:** <https://bloodlink-qmva.onrender.com/> | **GitHub Link:** [BloodLink](#)

JSVoice Library - Web Speech API Integration for UI Automation

- Created an open-source JavaScript library using the **Web Speech API** to enable voice-driven browser actions.
- Designed a **regex-based command parser** supporting dynamic and parameterized voice commands.
- **GitHub Link:** <https://github.com/VoiceUI-js/JSVoice>

Experience & Leadership

- **IEI Student Chapter President (2025)** - Leading a **25+ member cross-domain team** (technical & non-technical); planned and organized multiple academic and technical events.
- **GDG On Campus - Web Development Head (2025)** - Led web development initiatives and mentored peers in frontend and full-stack development.
- **Cloud & AWS Security Training** - Hands-on experience in cloud security and AWS services through the Employability Life training program.

Certifications

- **Research Publication Certificate** - Published a paper on an AI-powered skincare system in the *IRJAEH Journal*
- **NPTEL Certifications** - Database Management System, The Joy of Computing using Python, Programming in Java