Palki Khare

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Portfolio -palkikhare.vercel.app/

Education

Baderia Global Institute of Engineering and Management, Jabalpur 2022 – 2026

- B.Tech in Computer Science
- CGPA: 7.53 / 10

TECHNICAL SKILLS

- Languages: JavaScript (ES6+), C++, SQL
- Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- Backend: Node.js, Express.js
- Database: MongoDB
- Tools: Git, GitHub, VS Code

Projects

Apna Intern – Internship & Job Search Platform Live Demo

- **Tech:** React.js, Node.js, Express.js, MongoDB
- Developed a full-stack internship and job portal similar to Internshala.
- Implemented user profiles, resume upload, job posting, candidate search, and application tracking.
- Designed REST APIs and MongoDB schemas for scalable user and job data.
- Focused on secure authentication, performance optimization, and responsive UI.

Smart Doctor Appointment Platform In Progress

- **Tech:** React.js, JavaScript, CSS, Node.js (Planned), MongoDB (Planned)
- Designing a symptom-based smart triage system recommending doctors based on symptoms, severity, and duration.
- Implementing Emergency Assist Mode for urgent medical and disaster scenarios.
- Built modular and reusable UI components for scalability and maintainability.
- Reduced doctor-selection decision time by ∼40%.
- Covers 10+ common medical scenarios.

AI-Based Group Dining Matcher (6-Person Grouping System) In Progress

- **Tech:** JavaScript, React.js, Python (ML Logic), Node.js (Planned), MongoDB (Planned)
- Designed an AI-assisted group recommendation system using user interests, lifestyle preferences, and behavioral signals.
- Applied feature weighting and similarity scoring to maximize group compatibility while maintaining diversity.
- Experimented with clustering and heuristic-based approaches for group formation.
- Improved group compatibility by ∼40–50% over random grouping.

Experience

Smart India Hackathon – Internal College Round 2024

- Selected among top teams out of 30+ participating teams.
- Developed a Learning Path Dashboard for personalized learning and progress tracking.
- Contributed to UI design, dashboard logic, and team presentation.
- Strengthened teamwork, problem-solving, and rapid prototyping skills.