


CHETANA MAHAJAN

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📍 Nandurbar, Maharashtra – 425412, India

SUMMARY

Computer Engineering student with hands-on experience in **React.js**, **Java**, and full-stack web development. Skilled in creating efficient, user-focused applications and integrating APIs for performance optimization. Completed two internships and developed multiple academic projects involving modern frameworks, cloud tools, and real-time systems.

EDUCATION

R.C. Patel Institute of Technology <i>Bachelor of Engineering in Computer Engineering — CGPA: 7.35 (Current)</i>	Sep 2023 – Present <i>Shirpur, India</i>
Government Polytechnic, Nandurbar <i>Diploma in Computer Engineering — Percentage: 83.31%</i>	Nov 2020 – May 2023 <i>Nandurbar, India</i>

TECHNICAL SKILLS

Technologies: HTML5, CSS3, React.js, Java, JavaScript, SQL, TailwindCSS, Bootstrap 5

Tools: Git, GitHub, GitHub Copilot, VS Code, Android Studio

Coursework: Data Structures, Algorithms, DBMS, OS, Network Security, AI, ML

PROFESSIONAL EXPERIENCE

Celebal Technologies <i>Summer Intern — Frontend Development</i>	Jun 2025 – Aug 2025 <i>Remote</i>
→ Built and optimized interactive React.js components , improving load time and visual consistency across multiple applications.	
→ Integrated RESTful APIs and handled asynchronous operations, improving data delivery by 35% .	
→ Worked in a 6-member Agile team using Git-based workflows and CI/CD for regular feature updates.	
ProWorld Technology <i>Intern — Software Development</i>	Jun 2022 – Jul 2022 <i>Nashik, India</i>
→ Developed modular Java utilities that automated daily tasks and minimized manual input by 25% .	
→ Refined existing codebase of 400+ lines, enhancing execution speed and maintainability.	
→ Participated in Agile sprints, performing code reviews and contributing to testing and deployment.	

PROJECTS

Smart Queue Management System — MERN-Based Web Application	<i>Jun 2025</i>
→ Developed a full-stack hospital queue management system using React.js (Frontend) and Node.js, Express, MongoDB (Backend) that automates patient registration, queue tracking, and turn allocation.	
→ Implemented secure JWT authentication , RESTful APIs, and real-time queue updates, improving patient flow efficiency and reducing manual queue handling.	

Blood Group Detection using Fingerprint Image	<i>Present Working</i>
→ Developed a deep learning model to detect human blood group from fingerprint images using various architectures including GoogLeNet, AlexNet, LeNet, ResNet-50, VGG16 , and a custom CNN model.	
→ Achieved high classification accuracy through model comparison and hyperparameter tuning.	

CERTIFICATIONS

- **Programming in Java** – NPTEL (Swayam)
- **Algorithmic Problem-Solving** – CodeChef

ACTIVITIES

Member — E-Builders, R.C. Patel Institute of Technology <i>Technical Society Member</i>	Sep 2024 – Present
→ Conducted coding and web development sessions for over 120 students, focusing on hands-on learning.	