

# 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

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

## 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

<b>Celebal Technologies</b>	Jun 2025 – Aug 2025
<i>Summer Intern — Frontend Development</i>	Remote
→ Built and optimized interactive <b>React.js components</b> , improving load time and visual consistency across multiple applications.	
→ Integrated RESTful APIs and handled asynchronous operations, improving data delivery by <b>35%</b> .	
→ Worked in a 6-member Agile team using Git-based workflows and CI/CD for regular feature updates.	
<b>ProWorld Technology</b>	Jun 2022 – Jul 2022
<i>Intern — Software Development</i>	Nashik, India
→ Developed modular <b>Java utilities</b> that automated daily tasks and minimized manual input by <b>25%</b> .	
→ 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

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

<b>Blood Group Detection using Fingerprint Image</b>	Present Working
→ Developed a <b>deep learning model</b> to detect human blood group from fingerprint images using various architectures including <b>GoogLeNet, AlexNet, LeNet, ResNet-50, VGG16</b> , 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

<b>Member — E-Builders, R.C. Patel Institute of Technology</b>	Sep 2024 – Present
<i>Technical Society Member</i>	

- Conducted coding and web development sessions for over 120 students, focusing on hands-on learning.