Chetana Mahajan

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SUMMARY

Computer Engineering student and aspiring Web / Full Stack Developer with hands-on experience in building web applications using Java, JavaScript, React.js, SQL, and REST APIs. Skilled in frontend component development, backend logic implementation, and database integration. Strong foundation in object-oriented programming, data structures, DBMS, problem solving, debugging, and version control using Git. Comfortable working in team-based development environments and applying concepts to real-world projects.

TECHNICAL SKILLS

Languages:	Java, JavaScript, SQL
Frontend:	HTML5, CSS3, React.js, TailwindCSS, Bootstrap
Backend & APIs:	REST APIs, JSON, Basic API Integration , MongoDB
Concepts:	OOPs, Data Structures, DBMS, Problem Solving, Debugging
Tools:	Git, GitHub, VS Code, Android Studio

PROJECTS

ResolveFlow – Complaint Management System   Ongoing
MERN Stack Web Application

- Built a complaint management system with fixed status flow (OPEN $\rightarrow$ IN_PROGRESS $\rightarrow$ RESOLVED $\rightarrow$ CLOSED) enforced at the backend.
- Implemented user and admin authentication using JWT with role-based access control for APIs and frontend routes.
- Added SLA monitoring using scheduled background jobs to detect overdue complaints and log violations in the database.

Smart Queue Management System   Jun 2025
MERN Stack Web Application

- Designed and developed a role-based queue management system with queue state tracking (waiting, serving, completed).
- Implemented React dashboards and backend APIs to manage user actions, admin controls, and queue ordering logic.
- Focused on system flow, edge-case handling, and consistent state updates across modules.

Blood Group Detection Using Fingerprint Images   jan 2026
Machine Learning Project

- Built a fingerprint image classification pipeline using CNN-based models and performed model evaluation.
- Analyzed precision, recall, and F1-score to understand model performance beyond accuracy metrics.

PROFESSIONAL EXPERIENCE

Celebal Technologies   Jun 2025 – Aug 2025
Summer Intern – Frontend Development   *Remote*

- Developed multiple reusable React.js components focusing on performance, state management, and UI consistency.
- Integrated REST APIs for frontend features and handled asynchronous data flow and error states.
- Collaborated with team members using Git for version control and participated in code reviews.

ProWorld Technology   Jun 2022 – Jul 2022
Software Development Intern   *Nashik, India*

- Developed Java utilities to automate repetitive operational tasks, reducing manual effort.
- Refactored existing Java code to improve readability, structure, and execution efficiency.
- Worked closely with senior developers during testing and debugging phases.

CERTIFICATIONS

Java Full Stack Developer – TalentNext by Wipro (July 2025 – October 2025)

Programming in Java – NPTEL (Swayam)

Algorithmic Problem-Solving – CodeChef

ACTIVITIES

Member, E-Builders Technical Society — R. C. Patel Institute of Technology (Sep 2024 – Present)

Led and conducted peer-level training sessions on Java basics and web development fundamentals for junior students.

Actively participated in collaborative coding activities and technical discussions.

LINKS

Portfolio: chetana-mahajan-portfolio.vercel.app

GitHub: github.com/chetana987

CodeChef:codechef.com/users/chetana$_m12$

LinkedIn: linkedin.com/in/chetana-mahajan

LeetCode: leetcode.com/u/Chetana788

EDUCATION

R. C. Patel Institute of Technology   Sep 2023 – Present
Bachelor of Engineering in Computer Engineering — CGPA: 7.35   *Shirpur, India*

Government Polytechnic, Nandurbar   Nov 2020 – May 2023
Diploma in Computer Engineering — Percentage: 83.31%   *Nandurbar, India*