

Chaitali Patil

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SUMMARY

Final Year Computer Science student skilled in Java, React, and the MERN stack. Experienced in developing full-stack applications through internships, hackathons, and academic projects. Proven ability to deliver scalable solutions, improve application performance, and collaborate effectively in team environments.

EDUCATION

R. C. Patel Institute of Technology

B.Tech in Computer Science **CGPA: 7.07/10**, Expected Jun 2026

Shirpur, Maharashtra

Nov 2022 – Jun 2026

H. R. Patel Junior College

HSC Class 12th - Science and Math, Percentage: 92.33%

Shirpur, Maharashtra

Jul 2021 – Jun 2022

EXPERIENCE

Akatsuki Coding Club | Frontend Developer

Sep 2023 – Present

- Boosted student registrations by 60% by developing 4+ responsive websites using React.js and TypeScript.
- Improved load speed by 35% using React.js, TypeScript, and Tailwind CSS.
- Led cross-functional collaboration with 3+ teams using Git, ensuring 100% on-time deployment.

R3 Systems India Pvt. Ltd. | Java Developer Training

Jun 2024 – Jul 2024

- Engineered scalable web applications using core and advanced Java, boosting performance by 30%.
- Optimized MySQL queries using JDBC, JSP, and Servlets. Reduced load time by 40%.
- Delivered 3+ full-stack solutions using Spring Framework, enhancing maintainability.

Full Stack Developer Intern. | College Internship

Jan 2025 – Apr 2025

- Collaborated with a team to design and implement features for a journal management platform.
- Developed backend APIs with Node.js/Express.js and improved frontend interfaces using React.js and Tailwind CSS.
- Participated in code reviews, debugging, and testing to ensure high-quality, efficient code.

PROJECTS

International Journal of Frontiers of Engineering and Science | MERN Stack

[\[Live Link\]](#)

- Built a journal system with JWT authentication & role-based authorization for Authors, Reviewers, and Editors.
- Implemented multi-step submission & review workflows with PDF validation, Cloudinary uploads, and jsPDF forms.
- Integrated automated email services for invitations, status updates, and real-time communication.

Inventory Management Tool | Spring, MySQL

[\[GitHub\]](#)

- Developed a CRUD-based dashboard to manage 100+ items with role-based access for Admin, Staff, and Auditor.
- Reduced inventory errors by 25% through access control and data validation.

Online Testing And Monitoring of Medicines | MERN Stack

[\[GitHub\]](#)

- Engineered a pH analysis platform to monitor 100+ samples with real-time validation and MongoDB reporting.
- Implemented role-based access and automated alerts to reduce manual inspection time by 35%.
- Integrated Express.js APIs to generate reports and detect anomalies in submitted data.

TECHNICAL SKILLS

Programming Languages: C, Java, Python, JavaScript/TypeScript, OOPs

Frontend: React.js, Aceternity UI, Tailwind CSS, HTML, CSS

Backend: Node.js, Express.js, REST APIs, Spring, JDBC, JSP, Servlets

Database: MySQL, PostgreSQL, MongoDB

Platforms and Tools: Git, GitHub, VS Code, MongoDB Compass, Eclipse IDE, XAMPP, Postman

ACHIEVEMENTS

Served as a Core Technical Member at Akatsuki Coding Club at RCPIT

Solved 500+ coding problems on CodeChef, strengthening skills in algorithms and data structures.

Mentored 200+ students at Nodevember 2.0 in backend development using Node.js, Express.js, and MongoDB.

Guided 250+ learners in The React Cohort, delivering sessions on React.js and deployment.

CERTIFICATIONS & TRAINING

Java and Spring Training: Completed Industrial Training at R3 Systems India Pvt. Ltd. (2024)

C Programming: Certified by MKCL for foundational programming in C

Frontend Development: Completed certified course from Infosys Springboard