

Chaitali Patil

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EDUCATION

R.C. PATEL INSTITUTE OF TECHNOLOGY

B. Tech Computer Science

Shirpur, Maharashtra

Nov 2022 – June 2026

H. R. PATEL JUNIOR COLLEGE

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

Shirpur, Maharashtra

Jul 2021 – Jun 2022

EXPERIENCE

R3 SYSTEM INDIA PVT LTD

July 1 2024 – July 30 2024

Java Developer Intern

- Contributed to web application development using core and advanced Java.
- Managed scalable MySQL databases and utilized JDBC, JSP, and Servlets for backend operations.
- Developed 3+ scalable web applications, leveraging Spring Framework for efficient backend functionality.

PROJECTS

CONVERGES TECHFEST OFFICIAL SITE | *Next.js, TypeScript, Aceternity UI*

[\[Live Link\]](#)

- Built a high-performance, scalable site with 95%+ Lighthouse scores, improving SEO speed by 50%.
- Designed a responsive, cross-platform UI, boosting user engagement by 40%.
- Collaborated with 3+ developers, supporting 200+ users with real-time updates.

INVENTORY MANAGEMENT TOOL | *Spring, MySQL (XAMPP)*

[\[GitHub\]](#)

- Designed a system managing 100+ inventory items with CRUD operations and real-time tracking.
- Implemented role-based access control for 3 user roles, reducing shortages by 25%.

DYNAMIC MEMORY ALLOCATION USING ARIES ALGORITHM | *Python*

[\[GitHub\]](#)

- Simulated dynamic memory allocation using Python.
- Implemented ARIES algorithm to manage transaction logs and ensure data recovery.
- Demonstrated key DBMS concepts like crash recovery and transaction consistency.

NETFLIX CLONE | *HTML, CSS*

[\[GitHub\]](#)

- Developed a responsive Netflix Clone using pure HTML and CSS, replicating homepage layout.

TECHNICAL SKILLS

Programming Languages: C, Java (Core + Advanced), JavaScript/TypeScript

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

Coding Club: Served as Core Team Member at Akatsuki Coding Club at RCPIT

Problem Solving: Solved 500+ coding problems on CodeChef

Technical Mentorship: Trained 200+ students at Nodevember 2.0 in backend development (Node.js, Express.js, MongoDB)

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

React.js & Node.js Development: Completed certified course from Simplilearn