

# 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 SYSTEMS INDIA PVT. LTD Java Developer Intern

Jul 2024 – Jul 2024

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

### Frontend Developer Akatsuki Coding Club

Sep 2023 – Present

- Built 4+ responsive web applications using React.js and TypeScript for 500+ students, boosting event registrations by 60%.
- Leveraged React.js, TypeScript, and Tailwind CSS to enhance page load speed by 35%.
- Streamlined collaboration across 3+ teams using Git, ensuring on-time project deployment.

## PROJECTS

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

[Live Link]

- Achieved 95%+ Lighthouse scores, cutting SEO audit issues by 50%.
- Redesigned UI for mobile responsiveness, resulting in a 40% rise in mobile traffic.
- Led a 3-member team to deploy the site for 200+ live users with real-time updates.

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

[GitHub]

- Created a dashboard to manage 100+ inventory items with real-time CRUD functionality.
- Integrated role-based access for 3 roles, reducing human error in stock management by 25%.

### ONLINE TESTING AND MONITORING OF MEDICINES AND CONSUMABLES | MERN Stack [GitHub]

- Developed an interactive platform to analyze pH values for 100+ drug samples with standard validation.
- Built user interface with role-based login and MongoDB report storage; reduced manual inspection time by 35%.
- Integrated secure API with Express backend to automate report generation and trigger anomaly alerts based on real-time data.

## 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

Served as Core Team Member at Akatsuki Coding Club at RCPIT

Solved 500+ coding problems on CodeChef

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