

Ritesh Patel

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EDUCATION

Chandigarh University Online

Master in Computer Application

Aug. 2025 – June 2027

Babu Banarasi Das University, Lucknow

Bachelor in Computer Application

8.88 SGPA

Aug. 2022 – June 2025

EXPERIENCE

Full Stack Developer Intern

Softpro India | [Link](#)

Feb. 2025 – May 2025

- Built full-stack features with MERN, including auth, CRUD APIs, and responsive UI.
- Developed secure backend APIs using JWT, route protection, and Multer for file uploads.
- Implemented dynamic UIs with React Hooks and Context API for cart and order flows.
- Used Git/GitHub, tested with Postman, and deployed apps on cloud platforms.

PROJECTS

Web Server | Multithreaded Proxy Web Server using C | [Repo](#)

- Developed a high-performance HTTP proxy using C, handling hundreds of simultaneous clients with POSIX threads and semaphores.
- Implemented low-level TCP/IP socket programming for request parsing, forwarding, and full HTTP response handling.
- Built an efficient LRU-based caching system to reduce server load and improve response time.
- Added safe concurrency control using mutex locks and error handling for all major HTTP status codes.

PetPuja | Food Delivery Platform using MERN | [Repo](#)

- Built a full-stack food delivery platform using MongoDB, Express, React, Node.js with secure user authentication and JWT-based sessions.
- Implemented add-to-cart, order placement, and order tracking with real-time UI updates and persistent cart storage.
- Designed responsive restaurant, menu, and checkout pages with optimized API routes and clean component architecture.
- Integrated Stripe payment gateway, address management, and order history to deliver a seamless end-to-end user experience.

TECHNICAL SKILLS

Languages: C/C++, Java, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Express, Tailwind

Developer Tools: Git, Docker, VS Code, Postman

Libraries: Socket.io, leaflet, LangChain, RAG

Gen AI Tools: n8n, LLM Agent, RAG, LangChain

CODING SKILLS

- LeetCode - Solved 800+ problems (max rating 1850) | [LINK](#)
- CodeChef - 2 Star on CodeChef (max rating 1617) | [LINK](#)
- Codeforces - Pupil on Codeforces (max rating 1219) | [LINK](#)

ACHIEVEMENTS

- Having a typing speed of **120+ WPM** | [LINK](#)
- I have achieved **Knight** badge on Leetcode | [LINK](#)
- Achieved a chess rating of **1500** on Chess.com | [LINK](#)