

# PRATISHTHA NANDWAL



Github



LinkedIn



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## SUMMARY

**Full-Stack Software Developer** with hands-on experience designing, developing, testing, and deploying scalable web applications using the MERN stack. Strong foundation in Data Structures, Algorithms, Object-Oriented Programming, and core computer science principles. Experienced in building secure RESTful APIs, responsive single-page applications, and cloud-deployed systems. Familiar with CI/CD concepts, application monitoring through user feedback, and collaborative development workflows. Eager to learn and apply modern cloud, automation, and DevOps practices

## TECHNICAL SKILLS

**Languages :** C++, JavaScript(ES6+), HTML5, CSS3

**Frontend :** React.js, Redux, Responsive UI, SPA Development, Reusable Components

**Backend :** Node.js, Express.js, REST API Development, JWT Authentication, MVC Architecture

**Database :** MongoDB, Mongoose, SQL

**CS Fundamentals :** Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networks

**Version Control & Tools :** Git, GitHub, Postman, NPM

**Cloud:** Exposure to cloud concepts; open to learning AWS/GCP, Application deployment on cloud platforms (Render)

**Development Practices:** Secure development, functional testing, debugging, performance optimization

**Soft Skills :** Problem Solving, Effective Communication, Time Management

## PROJECTS

### Resource Sharing System | MERN

Jan 2026

- Developed a **full-stack MERN** platform enabling students to **securely upload, browse, filter**, and download previous year question papers.
- Implemented **JWT-based authentication** to ensure secure access and content management.
- Designed **REST APIs** and **scalable MongoDB collections** for efficient data retrieval and filtering by subject and year.
- Conducted **functional testing with 25+** users and improved usability based on feedback.
- Monitored application** behavior during usage and resolved performance and navigation issues.
- Collaborated with users to gather requirements and iteratively enhance system features.

Apr 2025

### Airbnb Clone | MERN | [Link](#)

- Built a **full-stack web application** using **React, Node.js, Express**, and **MongoDB** with a scalable architecture.
- Developed **secure REST APIs** for listings, bookings, and authentication using JWT.
- Implemented **responsive UI components** and **single-page navigation** for improved user experience.
- Integrated **Razorpay** for **secure payment processing** and deployed the application on a **cloud platform**.
- Enabled **Single Page Application (SPA)** structure for **fluid user navigation** and **dynamic UI rendering**.
- Performed **functional testing** and **optimized backend logic** for **reliability and performance**.

## ACHIEVEMENTS

- Secured **5th position** in the **PSIT Kanpur Globathon Code Contest (2025)**, demonstrating strong problem-solving and algorithmic skills.

## EDUCATION

### Mata Jijabai Govt. Girls PG College, Indore

July 2023 - Feb 2026

Bachelor of Science in Computer Science, CGPA - 7.6

### Chameli Devi Public School, Indore

XII (CBSE) - 82 % | X (CBSE) - 79 %