# Shristi Pandey

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## Summary

Computer Science Engineer with hands-on experience in backend development and building scalable applications. Skilled in designing RESTful APIs, managing databases, and delivering efficient code. Eager to contribute to innovative solutions and learn best practices in large-scale software development.

## Education

**UIET, Kanpur**
B.Tech in Computer Science (2025)
CGPA: 6.75/10

**Rainbow Modern Public School** (2020)
Higher Secondary – 70.6%

**MJRP Public School** (2018)
Secondary – 80%

## Relevant Coursework

Data Structures & Algorithms, Database Management Systems.

## Skills

- **Programming:** Java, OOP, Python
- **Web Development**: React.js, HTML, CSS, RESTful APIs, Node.js
- **Databases:** MongoDB, MySQL
- **Tools Concept:** Git, Agile Methodologies, Unit Testing, Zod validation

## Achievements

- Secured **3rd Prize** in College Coding Club competition.
- Led community initiatives impacting 500+ students.

## Experience

**Instructor – JSS University**                Sept 2025 – Present
- Guiding 100+ students in programming concepts, code logic, and debugging, ensuring clarity and confidence in problem-solving.
- Supporting students with ongoing projects by reviewing designs, troubleshooting errors, and suggesting improvements.

**Web Development Intern – Suvidha Foundation**    Mar–May 2023
- Redesigned 10-page website, cutting load time by 15% and boosting mobile visits by 10%.
- Integrated MongoDB for backend queries supporting analytics and reporting.

**Web Development Intern – Four Season Sales Pvt Ltd**    May–Jul 2022
- Built responsive React.js UI components with modern design.
- Connected APIs, reducing latency by 30% and improving real-time dashboard speed.

## Projects

**Know Your Drug** – Flask + ML                GitHub
- Built recommendation engine analyzing 10,000+ medical records.
- Implemented web scraping for real-time drug composition, pricing, and alternatives.
- Tested APIs with Postman and created manual test cases for recommendation outputs.

**Real-time Chat Application** – MERN + Socket.io        GitHub
- Developed multi-user chat app with concurrent live connections.
- Optimized system for real-time messaging and efficient data streaming.
- Designed test cases for login, message flow, and concurrent connections.

**Vehicle Insurance Management System** HTML, CSS, JS    GitHub
- Used MySQL for backend data management, ensuring accurate vehicle data.
- Added features like vehicle tracking and maintenance alerts to improve efficiency.