

SANCHAY KUMAR SINGH

Lucknow, Uttar Pradesh (U.P.)

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EDUCATION

Shri Ramswaroop Memorial College of Engineering and Management
B.Tech - Computer Science and Engineering - 75.47% (Till 6-SEM)

July 2022 – June 2026

Lucknow, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- OOPS Concept
- Database Management System
- Frontend Development
- Computer Networks

TECHNICAL SKILLS

Programming Languages: Java, Python.

Developer Tools: VS Code Editor, IntelliJ IDEA, Canva.

Technologies/Frameworks: HTML, CSS, JavaScript, Bootstrap 5, Tailwind CSS, React Js.

Databases: SQL(MySQL).

Version Control Tools and IDE: Git, GitHub.

Soft-Skills: Communication Skills, Adaptability, Problem-Solving, Teamwork and Collaboration.

PROJECTS

Real-Time News Website 🔗 | HTML, CSS, JavaScript, News API.

- Built a responsive news website that delivers real-time updates using the News API.
- Implemented category-wise browsing and dynamic rendering, increasing user engagement by 30%.
- Enhanced an Agencies section featuring curated content from Dainik Jagran, The Fox News, and NDTV.
- Improved JavaScript for fast API calls, improving data load speed by 30%.

Grocery Delivery Web App 🔗 | React.js, Tailwind CSS.

- Enhanced a responsive grocery delivery web application with modern UI and smooth navigation.
- Integrated product listing, category-wise browsing, and cart management features, improving user retention by 40%.
- Integrated a custom authentication system with secure login and session handling, improving platform reliability and user trust.
- Developed a responsive grocery delivery web application enabling product browsing, cart management, and 24/7 order placement.

Training and Internships

IBM-Data Science Tools

2024

About :

Lucknow, India

- Write clean, efficient, and idiomatic Python code for data processing and analysis.
- Utilize NumPy for high-performance numerical computations and optimized workflows.
- Leverage Pandas for data loading, cleaning, preprocessing, and transformation.
- Key Skills: (Data Analysis) (Python) (Problem Solving) (Jupyter Notebook).

IBM-Introduction To Frontend Development

2023

About :

Lucknow, India

- Learned the fundamentals of web development using HTML, CSS, and JavaScript.
- Developed responsive and interactive web pages with hands-on practice.
- Built mini-projects to apply theoretical knowledge in practical, real-world scenarios.
- Key Skills: (HTML) (CSS) (JavaScript)

CERTIFICATIONS

- Introduction To Frontend Development - IBM
- Java - Coding Ninjas
- Artificial Intelligence - LearnTrail
- Young Professional - TCS ION
- Data Science Tools - IBM