

Sankalp Katiyar

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PROFILE SUMMARY

Motivated and detail-oriented engineering student with a solid foundation in programming, data structures, and full-stack web development. Passionate about creating scalable, user-focused applications and solving real-world challenges through clean, efficient code. Experienced in building MERN stack projects with secure payment integrations and transaction management features. Eager to contribute to fast-paced tech teams, grow in system design, and build innovative solutions in fintech and software engineering. Known for adaptability, strong problem-solving skills, and a collaborative mindset.

EDUCATION

Bachelors of Technology (80.12) Dr. A.P.J. Abdul Kalam Technical University , Lucknow	2022 - 2026 (Pursuing)
Intermediate St. Xavier's Sen. Sec. School Kannauj, (CBSE, New Delhi)	2021 - 2022
Highschool St. Xavier's Sen. Sec. School Kannauj, (CBSE, New Delhi)	2019 - 2020

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, JavaScript.

Web Technologies: HTML5, CSS3, React.js, Tailwind CSS, Node.js, Express.js

Database Management: MySQL, MongoDB

Version Control: Git, GitHub

Software & Tools: Visual Studio Code.

Data Structures & Algorithms: Proficient in solving DSA problems using arrays, linked lists, trees, stacks, queues, graphs, and dynamic programming.

Object Oriented Programming (OOPS).

PROJECT

Cartify – Full Stack E-Commerce Platform

Tech Stack: React.js, Node.js, Express.js, MongoDB, Razorpay API

- Developed a responsive e-commerce site with product listing and cart features.
- Integrated Razorpay for secure payment processing during checkout.
- Implemented JWT-based user authentication and order tracking.
- Admin panel for managing products, orders, and auto-generated invoices.

Transaction Management System

Tech Stack: React.js, Node.js, Express.js, MongoDB

- Built an admin dashboard to view and manage user transaction data.
- Implemented real-time transaction status updates and activity logs.
- Added search, filters, and detailed transaction view functionality.
- Stored and managed transaction records securely using MongoDB.

CERTIFICATIONS

- Awarded the Elite Batch Certification in NPTEL's Problem Solving through Programming in C, offered by IIT Kharagpur.
- Awarded the Elite Batch Certification in NPTEL's Programming in java, offered by IIT Kharagpur.
- Qualified round 1 in Code O Fiesta 2022, 2023 organised by MPEC.
- Participant, Internal Smart India Hackathon (SIH) 2024-25.
- TCS-ion Email Etiquette, Powerpoint Presentation.