# Kanhaiya Saini

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## Profile Summary

Passionate and self-driven software developer with a strong foundation in building technology-driven solutions. Skilled at solving complex problems and eager to expand expertise in the finance domain. Highly motivated, with a commitment to continuous learning and delivering high-quality software.

## Education

**Chitkara University**  Oct 2022 – Present
*Bachelor of Engineering in Computer Science: CGPA: 8.59*  *Rajpura, Punjab*

**Sacred Heart Convent School**  **July 2022**
*Higher Secondary in Non-Medical Percentage: 90%*  *Chandausi, Uttar Pradesh*

**Sacred Heart Convent School**  **May 2020**
*Matriculation: Percentage: 85%*  *Chandausi, Uttar Pradesh*

## Technical Skills

**Programming Languages:** C, C++, Core Java
**Technologies/Frameworks:** React, Node.js, Express.js, Postman, GIT, MongoDB, Web Services (REST).
**Coursework:** DSA, OOPS, OS, DBMS
**Additional Skills:** Development, Design, Feedback, Performance, Troubleshooting, Release, Testing, Collaboration

## Projects

### E-commerce Website/ *HTML, CSS, JavaScript*

- Built a fully responsive E-commerce platform, incorporating media queries for a fully responsive design across multiple devices.
- Implemented JavaScript-based features, including dynamic product filtering, real-time search functionality, and interactive UI components.
- Debugged and tested the website using developer tools to ensure smooth functionality and responsiveness.
- Integrated form validation using JavaScript for secure user input handling during checkout and sign-up processes.

### Study Scribe/ *React, Redux, Node.js, Express.js, Payment Gateway API, Node mailer, JWT*

- Designed an e-learning platform from scratch with React, enabling real-time rendering of course content and a highly interactive user interface.
- Implemented a multi-layered authentication system featuring email OTP for sign-up, password recovery, and session validation, enhancing both security and user trust.
- Architected a granular role-based access control system with tailored permissions for Students, Admins, and Super Admins, allowing Admins to delegate responsibilities effectively while protecting critical functions for Super Admins.
- Integrated a highly secure and scalable payment gateway with support for multiple payment methods, ensuring a frictionless transaction process for users purchasing courses.

## Achievements

- **Tackled and solved over 200+ complex DSA problems** on Leet Code, demonstrating analytical depth and coding efficiency.
- **Participated in Flipkart GRID 6.0** - Software Development Track, showcasing advanced skills in system architecture and problem-solving.
- Participated in the national-level **Smart India Hackathon 2023**, showcasing innovative problem-solving skills and teamwork.
- **Ranked among the Top 50 at WIEHACK 4.0 organized by IEEE**, recognized for developing practical and impactful solutions in a competitive hackathon environment.
- **Claimed 1st place in ACM's 'Hour of Code'** challenge by delivering innovative solutions under intense time constraints.
- **Achieved 79% in NCET**, reflecting a strong grasp of technical concepts and a readiness for industry challenges.

## Certificates

- **Certified in C Programming**
  by My Anatomy, demonstrating foundational programming expertise.
- **Certified in Generative AI**:
  Prompt Engineering Basics by Coursera, showcasing AI proficiency.
- **Earned Google Analytics Beginner Certification**,
  highlighting data analysis expertise.