

# Sania Meraj

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## EDUCATION

- **Dr B R Ambedkar National Institute of Technology Jalandhar** Punjab, India  
*Bachelor of Technology, Information Technology (CGPA : 7.49/10)* Nov. 2022 – Present
- **St. Karen's High School** Bihar, India  
*CBSE (Percentage : 90.2)* 2022

## SKILLS SUMMARY

- **Languages:** C++, C, JavaScript, SQL, Python (Basic)
- **Libraries:** React, Express, TailwindCSS
- **Tools:** GitHub, VSCode, MongoDB Atlas Cloud
- **Databases:** MySQL, MongoDB
- **Courses:** Data Structures and Algorithms, OOPs, DBMS, Operating System, Networking

## PROJECTS

- **SnapStudy — HTML, CSS, JavaScript:**
  - Designed and developed a Chrome extension that streamlines the process of taking and saving screenshots while watching YouTube videos.
  - Automation and Productivity: Automated the entire screenshot process, allowing users to focus on content without disruptions, boosting productivity during video-watching sessions.
  - Cross-Platform Functionality: Enabled quick screenshot captures with keyboard shortcuts for both Mac and Windows users.
- **StepUp – E-commerce Shoe Store (MERN Stack, Stripe):**
  - Built a responsive, single-page e-commerce website for shoe retail, featuring product filtering, secure payments, and real-time order tracking.
  - Dynamic UI & Routing: Developed an interactive front-end using React and React Router, with smooth cart and checkout workflows.
  - Secure Payments & Admin Control: Integrated Stripe for secure payment processing and built an admin dashboard to manage products and orders.
  - Backend & Database Optimization: Designed RESTful APIs with Node.js and Express; optimized MongoDB data models for scalability and performance.
- **SlogZ — React.js, Appwrite, TinyMCE, Redux:**
  - Designed and developed a dynamic blog web app supporting rich-text editing, user authentication, and full CRUD operations.
  - Rich Content Management: Integrated TinyMCE for intuitive rich-text blog post creation and editing.
  - State Handling & User Authentication: Implemented Redux for global state management and Appwrite for secure user authentication and backend services.
  - Clean Architecture: Structured the project using modular components, routes, and service layers to ensure maintainability and scalability.

## ACHIEVEMENTS

- **JEE Main:** Achieved an impressive 96.97 percentile, placing in the top tier of candidates nationwide; demonstrated strong analytical and problem-solving abilities in a highly competitive exam.
- **Certified Programmer:** Achieved certifications in C++, Data Structures, and Algorithms.
- **Coding Platforms:** Solved 400+ problems across Coding Ninjas, GeeksforGeeks, and LeetCode with a contest rating of 1400+.

## CERTIFICATES

- **Mastering Data Structures and Algorithms using C and C++ (Udemy):** Focused on technical implementation and analysis of data structures and algorithms with real-world applications.
- **Learn C++ Programming (Udemy):** Covered fundamentals to advanced concepts of C++, including C++11, with hands-on demos, real-life examples, and a capstone student project.
- **The Web Developer BootCamp (Udemy):** Completed 60+ hours of full-stack web development training, including 10+ hours on React (JSX, hooks, state, Vite, and Material UI).