

Sania Meraj

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EDUCATION

- **Dr B R Ambedkar National Institute of Technology Jalandhar** Punjab, India
- *Bachelor of Technology - Information Technology; GPA: 7.54* 2022 - 2026
- *Courses: Operating Systems, Data Structures, Networking, Databases, Software Engineering, Analysis of algorithm, Data Mining*

SKILLS SUMMARY

- **Languages:** C++, C, JavaScript, SQL, Python
- **Frameworks:** React.js, NodeJS, Express, Hadoop
- **Tools:** GIT, MongoDB, TailwindCSS, MySQL
- **Platforms:** Linux, Web, Windows
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

PROJECTS

- **SereneStay (Ongoing) (React.js, Express, MongoDB, Node.js, Hadoop):** Developed a Hotel Booking System with an AI-driven recommendation engine that boosted user satisfaction by 30% and a price negotiation platform, increasing deal acceptance by 25%. Leveraged Hadoop to efficiently process over 1 million user interactions.
- **Chess.com (Socket.io, Node.js, JavaScript):** Built a real-time online chess game leveraging Node.js, Socket.io, and the Chess.com API, enabling seamless multiplayer gameplay. Integrated live updates and user interactions, enhancing user experience and engagement.
- **LuxeLens (MongoDB, Node.js, Express):** Developed a secure e-commerce site for sunglasses sales using MongoDB, Express, and Node.js. Enhanced backend performance by 25%, resulting in a 10% increase in sales. Implemented robust user authentication and optimized the checkout process for a seamless shopping experience.
- **SlogZ (React.js, Appwrite, TinyMCE, Redux):** Developed an interactive blog website with the MERN stack, facilitating over 300 user-generated posts monthly and providing full CRUD capabilities for streamlined content management and user authentication.
- **Face Recognition (Python, OpenCV):** Developed a face recognition system using Python, integrating the face recognition library and OpenCV to identify individuals from images. Implemented real-time detection with user-friendly visual feedback, enhancing accuracy for security applications.

ACHIEVEMENTS

- Achieved an impressive 96.97 percentile in JEE Mains, placing in the top tier of candidates nationwide and showcasing exceptional analytical and problem-solving skills in a highly competitive exam environment.
- Certified Programmer - Achieved certification in C++, Data Structures, and Algorithms.
- Participated in leading coding platforms, including Coding Ninjas, GFG, and LeetCode, with over 300 questions solved and a contest rating of 1400+.

CERTIFICATES

- **Mastering Data Structures and Algorithms using C and C++ (Udemy)**
Emphasized technical analysis and coding of data structures and algorithms, understanding and real-world applications.
- **Learn C++ Programming (Udemy)**
Covers basics to advanced features with practical demos, real-life examples, modern C++11, and a student project.
- **The Web Developer BootCamp (Udemy)**
Completed 60+ hours of web development training, including 10 hours on React (JSX, hooks, state, Vite, MaterialUI).