

GAGAN SINGAL

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TECHNICAL SKILLS

- **Programming Languages:** C++, PHP
 - **Web Development:** HTML, CSS, JavaScript, React, Node.js, Express.js
 - **Databases:** SQL, MongoDB, PostgreSQL
 - **Other:** Data Structures, Algorithms
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PROFESSIONAL EXPERIENCE

Summer Intern, DRDO, India

May 2024 - June 2024

- **Designed and developed** a seminar application tracking system using HTML, CSS, PHP, JavaScript, and MySQL, increasing application review efficiency by 40%.
- **Implemented** functionalities for users to submit, review, and track seminar applications, reducing processing time by 30%.
- **Collaborated** with a team of 5 to identify and resolve system bugs, improving overall system stability by 20%.
- **Conducted** user training sessions, resulting in a 50% increase in user adoption rate.

Teaching Assistant, Coding Ninjas, India

May 2023 - September 2023

- **Instructed** and supported over 600 students in the Data Structures and Algorithms course, enhancing their understanding and improving their exam scores by 20%.
 - **Clarified** complex concepts and resolved queries, contributing to a 95% student satisfaction rate.
 - **Assisted** in the development of course materials, ensuring they were up-to-date and relevant.
 - **Mentored** junior teaching assistants, enhancing their teaching capabilities and student engagement.
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EDUCATION

Bachelor's Degree in Electrical Engineering

Netaji Subhas University of Technology, New Delhi

2021 - 2025 / CGPA: 9.03

Class 12th - CBSE

Siddhartha Public School, New Delhi

2021 | Percentage: 90.6

Class 10th - CBSE

Holy Angel School, Hisar

2019 | Percentage: 96

PROJECTS

Seminar Application Tracking System

- **Led** the development of a web portal for seminar application submission and tracking.
- **Technologies Used:** HTML, CSS, PHP, JavaScript, MySQL.
- **Optimized** the application review process, resulting in a 50% reduction in approval time.
- **Integrated** user feedback to continuously improve the system functionality.

IT Service Support System

- **Designed** and developed a comprehensive IT service support system to streamline the process of issue reporting and resolution.
- **Utilized** HTML, CSS, and JavaScript to create an intuitive and user-friendly interface, enhancing the user experience.
- **Implemented** a ticketing system that allows users to submit and track their IT support requests, significantly reducing response time by 40%.
- **Incorporated** a knowledge base feature, providing users with self-help resources and reducing the volume of repetitive support queries by 30%.

ACHIEVEMENTS

- **Secured** rank 3 in the electrical department at NSUT for the academic years 2022-2023 and 2023-2024.
- **Eligible** for CVSPK TIS-1, given to the top 5% students of each branch at NSUT for 2022-2023 and 2023-2024.
- **Achieved** global rank 37 in CodeChef Starters 119.

PROFILES

- **LeetCode:** [gagansingal26](#)
 - **Codeforces:** [gagansingal26](#)
 - **CodeChef:** [gagansingal](#)
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