

Akash Pratap Singh

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SKILLS

- Languages:** C++, JavaScript, PHP, Java
- Frameworks:** HTML and CSS, Bootstrap, NodeJS, React
- Tools/Platforms:** MySQL, MongoDB
- Soft Skills:** Problem-Solving Skills, Team Player, Time Management, Work Ethic

TRAINING

GeeksForGeeks - DSA Learning	Since May 2024
Developed a DSA Learning Platform under GeeksForGeeks, where I explored and implemented all fundamental and advanced Data Structures and Algorithms using C++.	
<ul style="list-style-type: none">Implemented linked lists, trees, graphs, dynamic programming, and sorting algorithms.Developed interactive C++ coding modules enabling hands-on problem-solving practice.Applied optimized graph, sorting, DP algorithms in competitive programming scenarios.	
Tech: C++, DSA, Competitive Programming	

PROJECTS

Event Management System	November 2023
<ul style="list-style-type: none">Designed a fully responsive front-end using HTML, CSS, JavaScript and Bootstrap.Integrated a robust backend with MangoDB to handle user data and course materials.Implemented real-time event tracking, push notifications, and automated email confirmations.Integrated admin dashboards for event organizers to manage schedules, attendees, and payments.	
Tech: HTML, CSS, JavaScript, Nodejs, ExpressJS, MangoDB	
Cab Booking System	April 2024
<ul style="list-style-type: none">Built a dynamic platform using HTML, CSS, PHP, and MySQL to facilitate seamless ride bookings.Engineered a secure database to manage user profiles, ride history, and payment transactions.Integrated Google APIs for real-time data tracking and location-based ride recommendations.Optimized server-side processing, reducing load times and improving platform scalability.Ensured data security with encrypted user authentication and role-based access control for drivers.	
Tech: HTML, CSS, JavaScript, PHP, MySQL	
Online Ordering Food	May 2024
<ul style="list-style-type: none">Developed a feature-rich food ordering platform using React.js for a dynamic and interactive frontend.Added a cart and checkout system with secure payment integration for hassle-free transactions.Implemented real-time menu updates, allowing restaurant owners to modify offerings effortlessly.	
Tech: ReactJS, PHP, MySQL	

CERTIFICATES

Algorithms on Strings by Coursera.	April 2024
ChatGPT Playground for Beginners: Intro to NLP AI by Coursera	May 2024
The Complete DSA in C++ for 2024 (GFG)	June 2024
Cloud Computing course from NPTEL(SWAYAM)	October 2024

EDUCATION

Lovely Professional University <i>B-Tech - Computer Science and Engineering; CGPA: 6.7</i>	Punjab, India <i>Since August 2023</i>
Little Flower Polytechnic <i>Diploma - Polytechnic; CGPA: 8.84</i>	Gorakhpur (U.P), India <i>August 2021-2023</i>
Sanskriti Public School <i>Intermediate; Percentage: 80 %</i>	Gorakhpur (U.P), India <i>April 2017-2019</i>
Sanskriti Public School <i>High School; Percentage: 83 %</i>	Gorakhpur (U.P), India <i>May 2016-2017</i>