

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++.

- 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

- Designed a fully responsive front-end using HTML, CSS, JavaScript and Bootstrap.
- Integrated a robust backend with MongoDB 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, MongoDB

Cab Booking System

April 2024

- 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

- 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

Punjab, India

Since August 2023

B-Tech - Computer Science and Engineering; CGPA: 6.7

Little Flower Polytechnic

Gorakhpur (U.P), India

August 2021-2023

Diploma - Polytechnic; CGPA: 8.84

Sanskriti Public School

Gorakhpur (U.P), India

April 2017-2019

Intermediate; Percentage: 80 %

Sanskriti Public School

Gorakhpur (U.P), India

May 2016-2017

High School; Percentage: 83 %