

Gaurav Kumar Singh

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EDUCATION

CHANDIGARH UNIVERSITY

Bachelor of Engineering

Major in **Computer Science**;

Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Computer Networks; DSA

Mohali, Chandigarh

Expected May 2025

JAWAHAR LAL NEHRU COLLEGE

Degree: Intermediate (Science); Board: BSEB

Dehri, Bihar

April 2019 - April 2021

DAV Public School

Degree: Matriculation; Percentage: 80.8%; Board: CBSE

Aurangabad, Bihar

April 2019

SKILLS

- **Technical Skills:** C++, Data Structures & Algorithms, SQL, C++, Computer Networking, Familiar with Google Collab, web development using react, Power Bi.
- **Certification & Training:** Front-End Web UI Frameworks and Tools, Blockchain Essentials and Development of Dapps, Achiever in Array (C++) by Coding Ninjas, Software Engineering Job Simulation – Jp Morgan Chase & Co, Object-Oriented Data Structures in C++ issued by Coursera, Fundamentals of Power Bi

UNIVERSITY PROJECTS

- **Bike Rental System Website** May 2023
 - Collaborated in a team of 3 to develop a Bike Rental System with PHP, HTML, and CSS, enhancing booking accuracy by 20%.
 - Implemented user authentication for over 300 users, improving security.
 - Integrated real-time bike availability, reducing user wait times by 15%.
 - Developed an admin panel for managing 100+ bookings and bike inventory..
- **E-Commerce Website**
 - Designed a responsive e-commerce frontend with HTML, CSS, and JavaScript, improving mobile user engagement by 15%.
 - Implemented one-click redirection to Amazon and Flipkart, boosting click-through rates by 10%.
 - Optimized loading times, reducing page load time by 20%.
- **Food Delivery Website**
 - Contributed to a Food Delivery Website with PHP, HTML, and CSS.
 - Enabled menu browsing, order placement, and real-time tracking, increasing order accuracy by 25%.
- **Password Generator Chrome Extension**
 - Created a Chrome extension with JavaScript, HTML, and CSS for generating secure passwords.
 - Enhanced password security with complex algorithms, improving user protection.
 - Streamlined the password generation process, reducing user effort by 50%.

TRAINING & INTERNSHIPS

- **SUMMER TRAINING ON WEB3** June-2023

Completed two-month Metacrafter training in Web3, MetaMask, and Solidity, gaining practical skills in blockchain development and decentralized applications (dApps).

Interpersonal Skills

Project Management & Coordination- Led a team of 3 on a Food Delivery Website project, ensuring timely completion.

Technical Problem Resolution- Resolved complex issues in a Chrome extension, optimizing password security.

Continuous Learning- Completed 250+ coding problems on HackerRank, enhancing technical skills.

Deadline Management- Met project deadlines for more than 6 projects.

Interests & Hobbies

Reasoning Puzzles | Workshops | Travel | Cybersecurity | Blockchain

Languages: Proficiency in English, Fluent in Hindi