

Omkar Mishra

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SKILLS

- **Languages:** C++, JavaScript, C, Java
- **Frameworks:** HTML and CSS, Express.js, Node.js, React.js, Tailwind CSS
- **Tools/Platforms:** MySQL, MongoDB, GitHub
- **Soft Skills:** Communication, Collaboration, Leadership, Time Management, Flexibility

TRAINING

- **GEEKSFORGEEKS (DSA TRAINEE)** May 2024 - Aug 2024
 - Learned data structures (arrays, linked list, trees, graphs) and algorithms (recursion, DP, greedy, divide and conquer).
 - Gained knowledge in writing optimized code with time and space complexity analysis.
 - Improved logical thinking, competitive programming skills, and debugging efficiency.

PROJECTS

- **E-Commerce Website | MERN Stack, Responsive Web Design** Aug 2024 - Oct 2024
 - Engineered a fully functional hotel booking system with RESTful APIs that facilitated real-time pricing updates; integration resulted in improved system efficiency, processing 500+ reservations daily without downtime.
 - Integrated MongoDB for quick data management, implemented secure REST APIs for CRUD operations, user authentication, optimized system processes, leading to a 40% boost in performance.
 - Utilized enhanced security with JWT authentication and password hashing, access risks for 1,500+ users and improving onboarding efficiency by 30%, while maintaining 99.9% uptime.
- **Vasudeva Stores Website | Full- Stack, React- Powered Grocery Hub** Mar 2024 - May 2024
 - Implemented login and signup functionality using MongoDB to securely store user information, resulting in 100% data protection and smooth account management for over 1,000 users.
 - Integrated features allowing users to explore product details, add items to their cart, and use built-in-search tool, resulting in a 20% increase in user interaction and improved browsing efficiency.
 - Enabled users to view, add, or cancel orders directly from the cart, contributing to a 30% improvement in order management and a seamless checkout process for 500+ orders per month.
- **Notes-App | React, Responsive Web Design** Jan 2023 - Feb 2023
 - Developed a Notes App using React with 3 core features: add, edit, and delete features.
 - Used React Hooks for state management and dynamic UI updates.
 - Integrated Local Storage, ensuring 100% data retention across sessions.

CERTIFICATES

- Completed 16-week course of GFG on DSA in Java and C++. May 2024 - Jul 2024
- Certified by Coursera in Server Side JavaScript with Node.js and Analysis of Algorithms. Apr 2024 - May 2024
- Accomplished DSA using C and C++ by Udemy. Jan 2024 - Feb 2024
- Appreciation from saran mayor certificate to work with Yuva Kranti Foundation (NGO). Aug 2023 - Sep 2023

ACHIEVEMENTS

- **Solved 354+,150+ problems on GeeksforGeeks and Leetcode respectively:**
- **Received two certificates to complete 12500 feet KedarKantha trek:** Dec 2024- Jan 2025
 - Covers 12500 feet in 3 days and 2 nights in Uttarkashi region.
- **Scored 72% marks in NPTEL Certification:** Jul 2024 - Oct 2024
 - Cloud computing exam by IIT Kharagpur.
- **Attained CATCs Camp of NCC (33,41) and earned alpha grade in B and C Certificates:**
 - Among 1k+ Cadet, selected for Quarter Guard in both Camps.
- **Secured the top 20 position:**
 - Among 9k+ students in Aptitude test by Coding Blocks LPU.

EDUCATION

- **Lovely Professional University** Punjab, India
 - Bachelor of Technology - Computer Science and Engineering; CGPA: 7.01 Aug 2022 - Jul 2026
- **J D Public School** Saran, Bihar
 - Intermediate;(CBSE board with PCM) CGPA: 7.41 Apr 2018 - Mar 2020
- **Chapra Central School** Saran, Bihar
 - Matriculation;(CBSE board with Science) CGPA: 9.43 Apr 2017- Apr 2018