

Shivam Verma

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SKILLS

- **Languages:** C++, JavaScript, C, Java, R
- **Frameworks:** HTML and CSS, Bootstrap, React
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving, Teamwork, Time-management

PROJECTS

Flight Booking System Feb 2025

- Built a responsive and interactive flight booking application using React.js, focusing on seamless user experience.
- Developed dynamic flight search, filtering, and booking workflows with real-time data integration.
- Implemented secure user authentication using JWT (JSON Web Tokens) for protected access and session management.
- Enhanced performance through techniques like React. Memo, lazy loading, and API response caching.
- Designed with a mobile-first approach using Tailwind CSS and Material UI for a modern and intuitive UI across all devices.

Electric Vehicles Data Analysis Nov 2024

- Using Tableau & Excel
 - Designed interactive dashboards in Tableau to visualize and analyze key trends in electric vehicle (EV) adoption, sales, and charging infrastructure growth.
 - Performed comprehensive data analysis using Excel and Tableau, evaluating EV performance metrics such as battery efficiency, driving range, and charging time, delivering actionable insights for operational improvements.
 - Utilized Tableau’s advanced analytics features to uncover market trends, forecast EV demand, and illustrate the impact of government policies on EV adoption rates.
 - Collaborated with team members to clean and preprocess raw datasets, ensuring data accuracy and consistency for effective visualization and analysis

CERTIFICATES

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| • Cloud Computing Certification – NPTEL (IIT Kharagpur) | Oct 2024 |
| • Complete Interview Preparation (C++) – GeeksforGeeks (Self-Paced) | June 2024 |
| • Certified Full-Stack Web Developer – Coursera | Dec 2023 |

ACHIEVEMENTS

Academic & Certifications

- Secured Top 20% rank in NPTEL Cloud Computing Certification (IIT Kharagpur).
- Successfully completed Complete Interview Preparation (C++) on GeeksforGeeks, demonstrating strong problem-solving and DSA skills.
- Solved over 180 algorithmic challenges on LeetCode, earning a 3-Star (Bronze-Badge) in Python and SQL, and a 3-Star (Silver Badge) in C++ on Hacker Rank.
- Participated in multiple college-level hackathons, collaborating in teams to build innovative tech solutions under time constraints.

EDUCATION

Lovely Professional University Bachelor of Technology - Computer Science and Engineering; CGPA: 7.06	Punjab, India Since August 2022
Naga Ji Saraswati Vidya Mandir Intermediate ; Percentage: 82%	Ballia, Uttar Pradesh April 2019 –March 2021
Shemushi Vidyapeeth Matriculation; Percentage: 85%	Reoti, Ballia April 2017 - March 2019