

Nitish Rai

Linkedin: <https://www.linkedin.com/in/nitishrai22/>

Github: [NitishRaii · GitHub](#)

Email: nitishraiypkt22@gmail.com

Mobile: +91-7380583988

SKILLS

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

TRAINING

- **Data Structures and Algorithms using C++** July 2023
- Finished an intensive one-month Data Structures and Algorithms (DSA) course with Board Infinity, leveraging C++ to enhance my comprehension of algorithmic principles.
- Proficiently grasped essential data structures including arrays, linked lists, stacks, queues, trees, and graphs, as well as algorithms for searching, sorting, and optimization.
- Created and implemented a Library Management System using C++, utilizing DSA principles to efficiently handle and manipulate data.

PROJECTS

- **Food Tracker** Jan 2025-Mar 2025
Developed a food tracking web application using ReactJS and NodeJS, allowing users to log daily food intake for effective dietary management.
Implemented an advanced search engine with keyword-based filtering, enabling users to search meals by ingredients, such as vegetables or proteins.
Integrated data visualization features using charts and graphs to help users monitor their nutritional intake and progress over time.
Ensured a seamless user experience with real-time UI updates, responsive design, and authentication features for personalized meal tracking.
Tech: ReactJs, NodeJs, Js, BootStrap, MongoDB
- **Attendance Management System** Aug 2024-Oct 2024
Developed a web-based Attendance Management System using PHP and MySQL, enabling organizations to accurately record and monitor attendance.
Optimized SQL queries and indexing to handle large volumes of attendance records, ensuring fast data retrieval and enhanced performance.
Implemented automated attendance reports generation with export options (PDF/Excel) to simplify record-keeping and analysis for administrators.
Designed a secure login and role-based authentication system, ensuring restricted access for admins, teachers.
Tech: PHP, MySql, BootStrap

CERTIFICATES

- Complete Interview Preparation - Self-Paced (C++) by GFG. July 2024
- Certification in Bits and Bytes of Computer Networking by Google. Oct 2023
- Certification in Programming in C++: A Hands-on Introduction Specialization by Coursera. Jan 2024
- Cloud Computing by NPTEL. Nov 2024
- Prompt Engineering for ChatGpt by Vanderbilt University Feb 2024
- Introduction to Gen AI by Google Cloud Jan 2024
- Building Web Applications in PHP by University of Michigan Nov 2024

ACHIEVEMENTS

- **Solved 200+ DSA Problems:** February 2024
On Leetcode and GFG, focusing on optimizing time and space complexity

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.3 Since August 2022
- **Maharshi Valmiki Vidyapith Inter College** Rustampur, Gorakhpur
Intermediate; Percentage: 74.8% April 2020 - March 2022
- **Naval's Academy** Sirsi, Sant Kabir Nagar
Matriculation; Percentage: 62.6% April 2016 - March 2018