

# NIRAJ KUMAR SINGH

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## EDUCATION

**Lakshmi Narain College of Technology Excellence**

2021 – 2024

*Bachelor of Technology - Computer Science - CGPA - 8.01*

Bhopal, Madhya Pradesh

**Government Polytechnic Kharsawan**

2018 – 2021

*Diploma - Electrical Engineering - Percentage - 82.50%*

Kharsawan, Jharkhand

**Kasidih High School**

2016 – 2018

*Higher Secondary - Percentage - 65.2%*

Jamshedpur, Jharkhand

**Kerala Public School**

2016

*Senior Secondary - CGPA - 9.8*

Jamshedpur, Jharkhand

## TECHNICAL SKILLS

**Languages:** Java, C, C++, JavaScript, SQL

**Technologies/Frameworks:** Linux, GitHub, ReactJS, Redux

**Developer Tools:** VS Code, IntelliJ Idea, Postman, MySQL

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- Operating Systems
- Frontend Development
- OOPS Concept

## PROJECTS

**Converse** | React.js, Node.js, Express.js, MongoDB, Socket.io

Sept 2023

- Designed and developed a feature-rich **MERN** (MongoDB, Express.js, React, Node.js) **chat application**, facilitating seamless text-based communication.
- Implemented real-time messaging capabilities, ensuring instant message delivery and user-friendly typing indicators for enhanced user experience.
- Engineered a versatile chat platform that accommodates both **one-on-one** and **group chat** functionalities, promoting collaborative communication among users. The group chat feature restricts user management control to the admin role, allowing for a structured group environment.
- Enabled users to easily search and discover other users within the application by name or email, enhancing the platform's usability and networking capabilities.
- [Source Code](#) [Live site here](#)

**Quizzard** | HTML, CSS, Javascript

Aug 2023

- Developed a dynamic multiple-choice quiz application featuring **10** thought-provoking questions with **4** options each. Users receive instant feedback on their choices, highlighting correct answers in green and incorrect ones in red.
- Implemented a **robust scoring system** that dynamically calculates and displays the user's score at the end, providing a quick assessment of their performance.
- Designed an **intuitive** and **user-friendly** interface that prevents users from altering their selected answers, replicating a controlled exam environment for a fair quiz experience.
- [Source Code](#) [Live site here](#)

**Get It Done** | HTML, CSS, Javascript

Aug 2023

- Developed a web-based **task-assist-tracker** application designed to streamline daily task organization, promoting **productivity** and **time management**.
- Implemented **browser-side data storage** to seamlessly save and retrieve user-entered tasks, ensuring persistence against data loss.
- Introduced a user-friendly **checklist feature** that empowers users to mark tasks as completed.
- [Source Code](#) [Live site here](#)

## CERTIFICATIONS / ACHIEVEMENTS

- **NPTEL** Certification in **JAVA** - IIT-Kgp
- Java(Basic) - HackerRank
- Javascript(Basic) - HackerRank
- **5 Stars** in **Java** - HackerRank
- Solved **250+** questions on **LeetCode**