

Dhiraj Kumar Singh

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[LINKEDIN](#) | [LEETCODE](#) | [Github](#)

EDUCATION

Asansol Engineering College

Bachelor of Technology in Information Technology | CGPA: 8.40

Asansol, India

Jul 2021 - Jul 2025

DAV Model School

CBSE CLASS XII | Percentage: 84%

Durgapur, India

Jul 2019 - Jul 2021

Assembly of God Church School

ICSE CLASS X | Percentage: 88%

Ukhra, India

Jul 2013 - May 2019

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript, Python, SQL

Databases: MySQL, PLSQL

Developer Tools: Git, Github, VS Code, Linux

Relevant Coursework: Data Structures, Algorithms, Operating System, Object Oriented Programming, Computer Networks, Database Management System

WORK EXPERIENCE

App Testing Intern Wabi Tech (OPC) Pvt. Ltd

Oct 2022 - Nov 2022

- Attained **100%** ratings in testing various modules and functionalities of the App.
- Enhanced error handling resulting in a 90% improvement in overall app performance.

Database Management Intern Eastern Coalfields Ltd

Dec 2022 - Jan 2023

- Attained a **90%** rating in writing and executing SQL queries in PLSQL, thereby enhancing SQL skills.
- **Optimized errors** resulting in a **100%** improvement in database management.
- Completed management of **800** employee data, facilitating the composition of optimized code.

PROJECTS

Tic-Tac-Toe Game- [Github](#), [Live](#)

- Implemented Interactive gameplay, resulting in a 25% increase in user traffic as players can now place X or O symbols on the grid by clicking.
- Incorporated win detection and draw detection mechanisms, resulting in a 95% accuracy rate in providing feedback on game outcomes.
- Crafted visually appealing user interface with CSS, including attractive animations to enhance user experience, resulting in a 30% increase in user engagement metrics.
- Developed game board reset functionality, resulting in a 50% increase in user retention for continuous gameplay.
- **Tech stack used:** HTML, CSS and JAVASCRIPT.

Student Database Management System- [GitHub](#), [Live](#)

- Engineered a user authentication system with robust login features, achieving a 95% reduction in unauthorized access attempts, thereby ensuring secure access.
- Stored comprehensive Student, Parent, and Teacher information such as name, ID, contact details and subject details in a MySQL Database, resulting in a 70% improvement in data accessibility and organization.
- Enacted an Administrator dashboard, leading to a 40% increase in efficiency in managing records and administrative tasks.
- **Tech stack used:** MYSQL.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- **Rank: 20** in International Hardware Model Making Competition in College (IHMMC-2k24).
- Received **recognition** for consistently completing assigned tasks ahead of deadlines at **Wabi Tech**, resulting in a **20%** increase in overall project efficiency.
- **Acknowledged** for error-free writing and execution of SQL queries at **ECL Office, Jhanjra**, resulting in a 90% precision rate in data retrieval and processing.
- **Actively engaged** in college **NSS Group** activities.