

Kush Milkesh Mistry

Adm. No. 21JE0499 📞 +91-7984399849

✉ kushmistry2021@gmail.com [in @linkedin](#) [@github](#)



Education

Indian Institute of Technology (Indian School of Mines) Dhanbad

Expected May 2025

Bachelor of Technology in Computer Science and Engineering (GPA: 8.57 / 10.00)

Dhanbad, Jharkhand

- **Relevant Coursework:** Data Structures, Algorithm Design and Analysis, Computer Organisation and Architecture, Discrete Mathematics, Computer Networks, Software Engineering, Operating Systems, Object Oriented Programming(C++), Probability and Statistics, Compiler Design, Database Management Systems, Theory Of Computation

Shannen Kids School (CBSE)

April 2020 - March 2021

12th (Percentage: 85.8%)

Vadodara, Gujarat

Gujarat Public School (CBSE)

April 2018 - March 2019

10th (Percentage: 94.8%)

Vadodara, Gujarat

Experience

NIL

Projects

MIS Course Offer | React.js, Next.js, Laravel, MySQL, PHP, Blade, HTML, JavaScript

- Engineered a comprehensive platform to optimize course offerings, faculty allocations, and grading responsibilities across multiple programs and branches, ensuring compliance with departmental policies.
- Leveraged a robust tech stack including Next.js for a dynamic frontend interface and Laravel for a secure and efficient backend, streamlining the overall course offering process.
- Implemented a seamless integration between frontend and backend systems, significantly improving the efficiency of course management and faculty assignment operations.
- Github Link

SuperMarket Automation System | EJS, HTML, CSS, JavaScript

- Created a comprehensive web-based application to automate daily activities for supermarket employees, including inventory management, sales transactions, and sales statistics reporting.
- Utilized EJS for templating, JavaScript for functionality, and HTML/CSS for the frontend design, ensuring a seamless and user-friendly interface for employees across multiple operating systems (Windows and Mac OS).
- Implemented key features such as real-time inventory updates, dynamic pricing adjustments, and robust backup solutions, significantly improving the efficiency and reliability of supermarket operations.
- Github Link

Library Management System | Solidity

- Designed and implemented a secure and decentralized Library Management System using Solidity, ensuring transparent and tamper-proof handling of book inventories, user enrollments, and borrowing transactions.
- Created and deployed smart contracts to automate key library functions, including book borrowing and returning, fine calculation for overdue books, and dynamic inventory management, leveraging the immutability and security of blockchain technology.
- Implemented role-based access control for administrators and librarians, providing functionalities for user enrollment, book inventory management, and fine administration, enhancing operational efficiency and security.
- Github Link

Competitive Programming

Codeforces

- Handle - k-2711
- Max. Rating - 995 (Newbie)

Codechef

- Handle - kush81
- Max. Rating - 1447
- 1 Star

HackerRank

- Handle - Kush Mistry
- Problem Solving - Gold Level
- C++ - Silver Level

Technical Skills

Languages: C, C++, Python, MySQL, Solidity, HTML, CSS, Javascript, PHP

Technologies: React.js, Next.js, Blade, Node.js, TensorFlow, PyTorch, Laravel, EJS, Pandas, Numpy, Scikit-Learn, OpenCV

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, Database Normalization, Agile Methodology, Blockchain, Cryptography, Computer Vision, Natural Language Processing

Achievements

- Scored All India Rank - 2468 in JEE Advanced 2021
- Scored All India Rank - 2396 in JEE Mains 2021
- Participated in Unstop Talent Park- Tech
- Solved over 100+ problems across various coding platforms and contests.
- Participated in a 3-day long Graphs Camp conducted by Codeforces Master from AlgoUniversity, and mastered the topic of Graphs in just 3 days.

Social Engagements

Club Member : at CodeISM - official coding club of CSE Department, IIT(ISM) Dhanbad

Volunteer: at a spiritual organisation in Dhanbad, to practice ourselves and to educate others about God and spirituality.

Guest Speaker: Conducted seminars on Smart Work, Anger Management, and Mind Control for first-year students at IIT, aiming to enhance their personal development and mental well-being.

Sports-Engagements: Basketball (city-level) , chess , cricket.