



Nitin Singh

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Education

IIT (ISM) DHANBAD

Bachelor of Technology in Electrical Engineering (CGPA: 7.13/10.00)

Expected May 2026

Dhanbad, Jharkhand

- **Relevant Coursework:** Signals, Systems and Network, Control System, Electrical Machines, Power System, Analog and Digital Electronics, Data Structures and Algorithms (C++), Object Oriented Programming

Maharishi Vidya Mandir

Senior Secondary (Percentage - 95%)

MAY 2021

PRAYAGRAJ, UTTAR-PRADESH

Maharishi Vidya Mandir

Secondary (Percentage - 96%)

MAY 2019

PRAYAGRAJ, UTTAR-PRADESH

Projects

Personal Portfolio Website | HTML, CSS, JavaScript

- Led the design and development of a responsive personal portfolio website, showcasing projects, skills, and professional experience.
- Implemented modern CSS techniques, including Flexbox and Grid, to ensure a visually appealing and responsive layout across various devices.

Weather App | HTML, CSS, JavaScript

- Led the development of a dynamic weather application that provides real-time weather information for any location across the Country.
- Integrated JavaScript to fetch data from a weather API and dynamically update the UI with real-time weather conditions.
- Implemented interactive features, such as a search bar for location-based weather updates and animated weather icons.

Line Follower Robot | Arduino Uno, Motor, Motor Controller, IR Sensors, Lithium Battery

- Done the hardware integration of all the components
- Test the robot on a path provided by the organizing team.

Skills

Languages: C++, C, HTML, CSS, JavaScript

Technologies: Matlab, Git, Github

Databases: Firebase

CourseWork: Data Structure and Algorithms, Object Oriented Programming

Achievements

- JEE MAINS 2022: 97.8 percentile
- JEE ADVANCED 2022: AIR 2498 (Category)
- Secured First position in making a line follower robot event organised by NVCTI, IIT DHANBAD
- Successfully solved more than 250+ problems across different coding platforms such as [LeetCode](#), [Codeforces](#) & [geeksforgeeks](#).

Social Engagements

Volunteer: at KARTAVYA - NGO run by students of IIT Dhanbad to educate underprivileged childrens.

Organisor: Srijan'24 (Cultural-fest).

Sports-Engagements: Cricket, chess.

Club Member: Member of web developer division of Mailer daemon (student run media body of IIT Dhanbad)