

# HITESH NANDA

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## Education

**Delhi Technological University** 2022 – 2026  
*B.Tech(Electronics and Communication Engineering)* CGPA: 7.33

**Adarsh Public School** 2021  
*CBSE (Class XII)* 96.6%

## Experience

**C-DOT** June 2025 – Present  
*Web Developer Intern* Delhi

- Designed and implemented a user-centric, responsive dashboard using **HTML, CSS, Bootstrap and JavaScript** to dynamically visualize data and improving multi-device usability by **30%**.
- Built a seamless **UI/UX with intuitive navigation** and engaging visuals using EChart library, resulting in **40% higher user satisfaction**.
- Designed data base structures and queries on a postgresql database and thereby reducing the data loading time by **20%**.
- Implemented **Fetching, processing and consolidation** of data from database using java. Real-time rendering for interactive charts, leading to **25% faster data interpretation** and enhancing decision-making capabilities.

**Orane Consulting Pvt Ltd** June 2024-July 2024  
*Web Developer Intern* Noida

- Built and optimized the front-end of a responsive web application using **HTML, CSS, and JavaScript**, improving navigation speed by **30%** and enhancing cross-device user experience across various screen sizes.
- Collaborated in bi-weekly code reviews, identifying and **resolving 95% of UI/UX bugs**, which led to a **20% reduction** in post-deployment issues and improved code quality.

## Projects

**Personal Portfolio Website** | *HTML, CSS, Javascript*

- Crafted a sleek, responsive personal portfolio website using **HTML, CSS, and JavaScript**, showcasing **5+ technical projects** and skills with a modern, professional design with cross-device compatibility.
- Emphasized **user-centric UI/UX** with smooth animations, custom styling, and interactive features to deliver an engaging and memorable browsing experience.

**AROHN - Autonomous Mars Rover Prototype (Team Project)** | *PCB Designing, Arduino*

- Developed AROHN, a **wireless-controlled space exploration vehicle**, achieving successful navigation through complex terrains, completed testing in simulated Mars-like environments, demonstrating **improved reliability by 70%** in obstacle and autonomous terrain traversal.
- Engineered the electronics subsystem for a Mars rover, **designing 5+ custom PCBs**, implementing Arduino-based control logic, and developing buck converters and hence increasing the circuit sustainability and efficiency by over **30%**.

## Skills

**Core Courses:** Analog Electronics, Digital Electronics, Signals and Systems, Communication Systems, Computer Architecture

**Languages:** HTML, CSS, JavaScript

**Developer Tools:** VS Code, PCB Designing

**Frameworks:** Bootstrap, Tailwind

## Leadership / Extracurricular

**Inferno DTU**

*Treasurer*

- Working in a team of 35+ aspiring engineers focused on development of Mars Rover prototypes and actively participating in various Rover challenges held across the globe.
- Designed the electrical subsystem and customized 5+ PCBs tailored to competition-specific rover requirements, enhancing prototype efficiency by 30%.

**Technical Council DTU**

*Co-Head*

- Helped in organizing DTU's prestigious Technical Fest Invictus '24 with a footfall of 30000+ contestants from different parts of the nation, represented IEEE DTU for successful implementation of various events.
- Supervised a team of 10+ members to plan and execute 20+ technical events, workshops, and competitions, engaging over 5,000 participants and ensuring smooth end-to-end coordination and impactful execution.

**IEEE DTU**

*Coordinator*

- Managed a team of 250+ members. Successfully organized multiple workshops and webinars. Onboarded sponsors for DTU Hackathons and drew 4000+ participations across the country.