

Aakashdeep

Jind, Haryana

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Education

National Institute of Technology, Delhi <i>Bachelor of Technology in Electrical and Electronics</i>	May 2025 CGPA: 7.52/10
Indus Public School, Jind <i>CBSE-12th (PCM)</i>	2019-20 94.6%

Experience

Summer Research Intern (Charging of EV using G2V & V2G operations) 🔗 <i>Dr. Amit Kumar Singh</i>	June 2023 – July 2023 <i>NIT Delhi</i>
<ul style="list-style-type: none">Developed and implemented G2V and V2G charging optimization models using MATLAB Simulink, achieving improved grid reliability and energy efficiency.Modeled key components including: battery, bi-directional converter, and control system.Analyzed power flow and energy exchange during charging and discharging scenarios.	

Projects

Flexbook HTML, CSS, Java-Script <ul style="list-style-type: none">Created Flexbook (doesn't require real login ID/password.), a Facebook clone, using HTML, CSS, and JavaScript to replicate the core functionalities and design of the popular social media platform.Implemented key features such as user authentication, profile creation, news feed display, friend requests, messaging system, and post/comment functionality using JavaScript for interactivity.Utilized HTML for structuring the content, CSS for styling elements, and JavaScript for dynamic functionality, ensuring a cohesive and engaging user experience.
Weather App HTML, CSS, Java-Script, Weather-API <ul style="list-style-type: none">Developed a weather app using HTML, CSS, and JavaScript, integrating a weather API for real-time data retrieval.Implemented a user-friendly interface with responsive design to ensure compatibility across various devices and screen sizes.

Technical Skills

Programming: C++/C, Javascript, MATLAB, Python (Beginner)
Development: HTML, CSS, ReactJS
Libraries: C++ STL, ReactJs, Python Libraries
Tools & Utilities: Git, Github, VS Code
Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming
Soft Skills: Self-learning, presentation, Team Work, Leadership, Adaptability, Logical Thinking

Position of Responsibilities

IEEE NIT Delhi Student Branch <i>Vice-Chair</i>	Sept 2023 - Present
Training & Placement Cell <i>Executive Member</i>	May 2023 - Present
Power India International Conference (PIICON) <i>Database Head & Event Manager</i>	Nov 2022

Achievements

- 300+ problems solved across Leetcode & CodeStudio
- State Level Science Exhibition Winner
- Gold Medal in Kabbadi in ZEAL 2024(NIT Delhi)
- NTSE Round 1 cleared