Aman Jha

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Education

- **Noida Institute of Engineering and Technology, Greater Noida (2022-2026)**   *CGPA (Present): 6.73 CGPA*
  Bachelor of Technology - Computer Science & Engineering
  (Artificial Intelligence and Machine Learning)

- **M.M. Public School, Delhi (2020-2021)**   *Percentage: 83.4%*
  10+2 Equivalent (Science)

- **M.M. Public School, Delhi (2018-2019)**   *Percentage: 80%*
  High School

CO-Curriculars

Hackathons & Events

1. **Anchor** – *Prithvi* **Nature Fest:** 2024 – Selected as the official Anchor for Prithvi, the college's annual nature and environment-themed fest.
   - Hosted the event with confidence, introducing guest speakers, coordinating program flow, and engaging a live audience.
2. ***CODIFY RUMBLE*** - IIT Roorkee 2024 - Competed in a 1v1 coding challenge, testing problem-solving skills under pressure.

Projects

Simon Says Game
Built an interactive memory-based game inspired by the classic "Simon Says" using HTML, CSS, and JavaScript.
- **Languages:** HTML5, CSS3, JavaScript (ES6)
- Implemented game logic to generate random sequences, track user input, and validate responses in real time.
- Used JavaScript for DOM manipulation, event handling, and managing game states (start, progress, failure).
- Practiced modular JavaScript design and improved understanding of timing functions like "`set Timeout`" and "`set Interval`".

Sangeet Music Player
Developed a fully functional web-based music player using HTML, CSS, and JavaScript.
- **Languages:** HTML5, CSS3, JavaScript (ES6)
- Implemented core features such as play/pause, next/previous track, progress bar, and volume control.
- Utilized JavaScript to manage audio playback and dynamically update UI elements.
- Practiced DOM manipulation, event handling.

Airbnb Clone
Built a full-stack Airbnb clone that replicates core functionalities of the original platform. Users can browse, search, book, and list rental properties.
- **Frontend:** HTML5, CSS3, JavaScript
- **Backend:** Node.js, Express.js, Restful API's, Middleware's
- **Database:** MongoDB
- User authentication and authorization (Sign up, Log in, Log out).
- Dynamic property listing with image uploads.
- Advanced search and filter functionality (location, price, amenities, etc.).
- User dashboard to manage listings and bookings.
- RESTful API integration between frontend and backend.
- Data stored and managed via MongoDB.

Skills

- **Languages**: Java, SQL, JavaScript, HTML, CSS.
- **Frontend**: React.js (Learning), Next.js (Learning).
- **Backend**: MongoDB, Node.js, Express.js
- **Software Development:** Object-Oriented Programming (OOP), Operating System Concepts, DBMS , Computer Networks
- **Tools**: Git, GitHub, VS Code, IntelliJ .
- **Soft Skills**: Problem-Solving, Critical Thinking, Communication Skills, Teamwork & Collaboration, Time Management, Adaptability, Attention to Detail

Certifications

- Introduction to Artificial Intelligence
- Critical Thinking skills for Professional
- JavaScript Essentials
- Python Basics
- Human-Centered Design for Inclusive Innovation