

APURVA KUMAR

Forbesganj, Araria, Bihar

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Education

Heritage Institute of Technology

Bachelor of Technology in Information Technology (7.71GPA)

Oct 2021 – May 2025

Kolkata, West Bengal

R.K.C.K College

Class 12 (85.2%)

Apr 2019 – Feb 2020

Bardaha, Bihar

Jawahar Navodaya Vidyalaya

Class 10 (89.4%)

Apr 2017 – Mar 2018

Araria, Bihar

Internship

OctaNet Pvt Ltd

Front-end Developer Intern

Jun 2024 – Jul 2024

Remote

- Developed a responsive and interactive To-Do List web app using HTML, CSS, and JavaScript.
- Implemented features like task creation, deletion, completion toggle, and local storage for persistent data.
- Focused on clean UI/UX design with real-time task status updates for better usability.
- Practiced Git-based version control for code collaboration and submission.
- Gained hands-on experience in front-end development, DOM manipulation, and event handling.

Projects

Netflix Data Analysis | Python, pandas, Numpy, seaborn, matplotlib

2025

- Performed Exploratory Data Analysis (EDA) on a movie dataset using pandas and NumPy to uncover trends in genres, popularity, and content growth.
- Cleaned 19,000+ records by handling nulls, removing duplicates, and standardizing genre fields for consistency.
- Extracted insights on genre performance, content popularity, and yearly trends through detailed analysis.
- Visualized findings using seaborn and matplotlib through histogram, bar, pie, and count plots.
- Documented the workflow in Jupyter Notebook via VS Code with organized code, inline comments, and visual summaries.

E-Commerce Website | HTML, CSS, JavaScript, Vite

2024

- Built a fully responsive multi-page(5+) e-commerce website for electronics with cart, product listing, and Sign In/Sign Up interface using front-end technologies.
- Integrated dynamic cart system with real-time price calculations across 20+ simulated products.
- Used Vite to achieve 30–40% faster development build and refresh cycles, reducing iteration time.
- Embedded Google Maps to enhance store navigation, improving usability for 50% of user testers.

Weather Application | HTML, CSS, JavaScript

2024

- Built a user-friendly weather app with adaptive design, compatible across screen sizes, using HTML, CSS, and JavaScript, with real-time updates from OpenWeatherMap API.
- Implemented geolocation-based weather display for 100+ cities, improving user relevance and accessibility.
- Reduced redundant API calls by 60% through session storage, optimizing application responsiveness and load time.
- Achieved load time of under 1 second on modern browsers by optimizing DOM manipulation and UI updates.

Technical Skills

Programming Languages: C, C++, Python(Basics)

Development: HTML, CSS, JavaScript, PHP

Data Analysis & Visualization: NumPy, pandas, matplotlib, seaborn, Microsoft Excel

CourseWorks: DSA, OOPS, DBMS, SQL, OS

Developer Tools & Database: VS Code, GitHub, MySQL, Wordpress

Extracurricular Activities

- Standup-Comic
- Rotaract Club Member in HIT-K
- Volunteer in National Yoga Championship
- Cricket Team Member of IT Department
- Organising Team Member in Technovation
- Operation Team Member in TEDx Event